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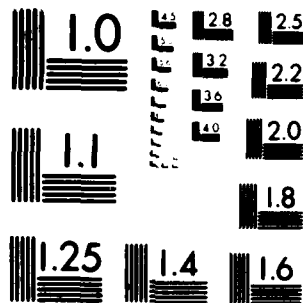
NATIONAL CLIMATIC CENTER ASHEVILLE NC F/G 4/2
WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)
JUN 81 DOT-EATOWAT-052

REPORTS. VOLUME V--ETC(U)
DOT-FA79WA1-057
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Technical Report Document

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Abstract

This report provides summary tables and graphic wind roses depicting wind direction and speed under specific ceiling - visibility conditions at 283 airports. This data will be used in the application of FAA's establishment criteria for precision and non-precision approach and landing aids.

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WIND -CEILING-VISIBILITY
DATA
AT SELECTED AIRPORTS

April 1981

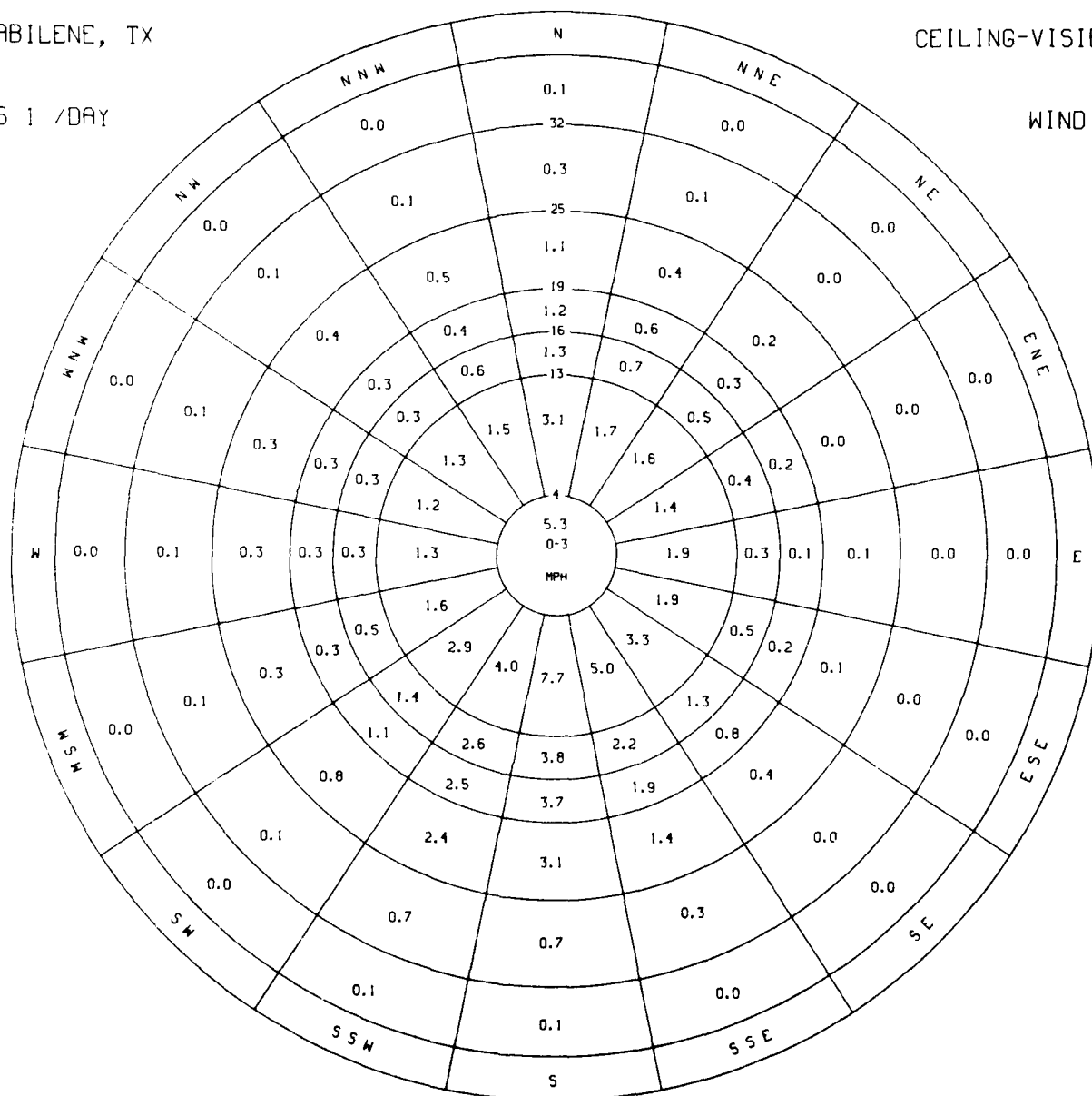
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CEILING-VISIBILITY

WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

Accession For	□□□
NO. OBS.	
Period	
By	
Date	
AVOID	

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 13962

NO. OBS.: 45658

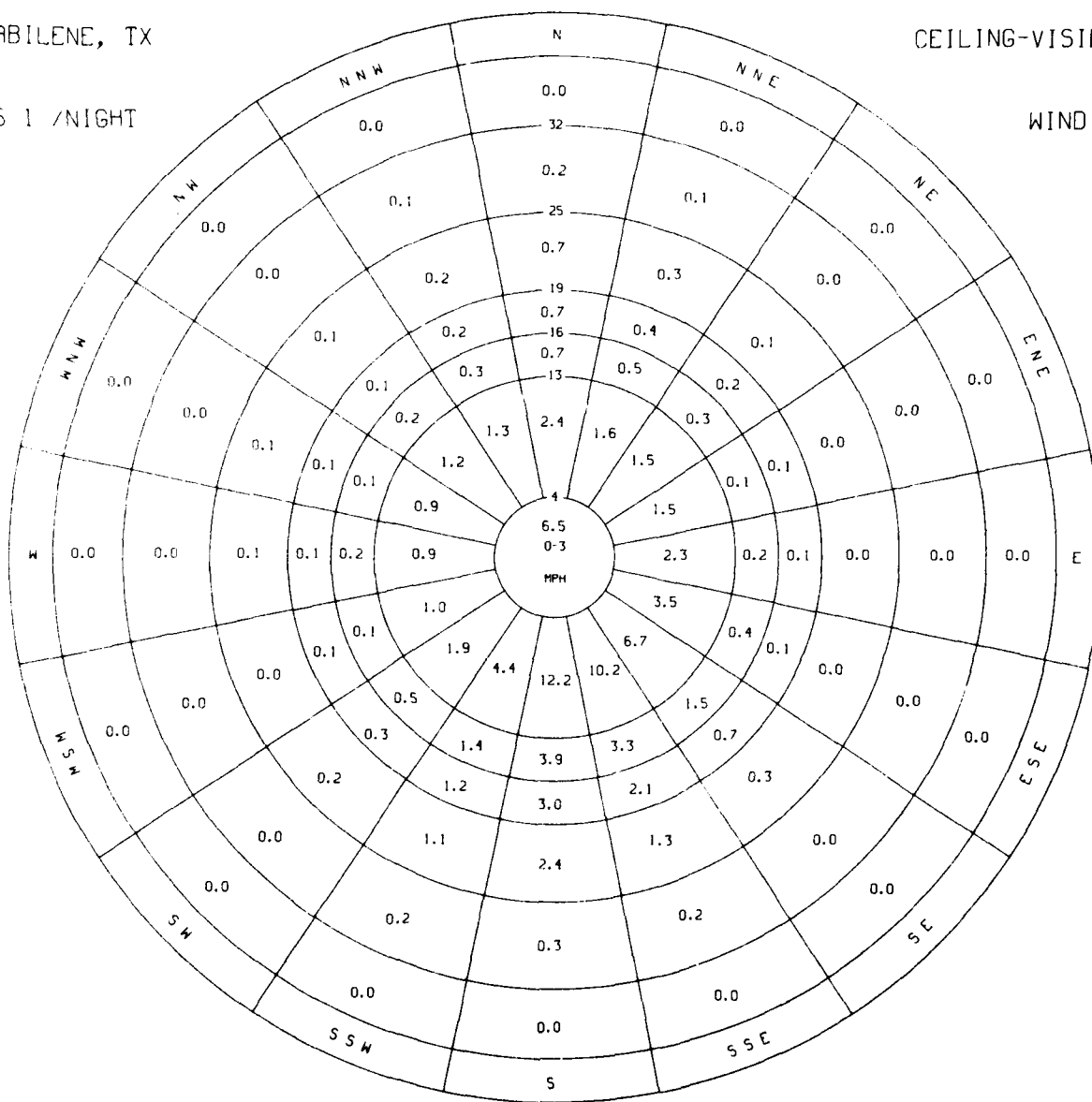
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+				TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.2	.2	3.1	3.3	1.3	1.4	1.2	1.3	1.1	1.2	.3	.3	.1	.1	7.2	7.7	13.7	
NNE	.1	.1	1.7	1.8	.7	.8	.6	.7	.4	.5	.1	.1	.0	.0	3.7	4.0	13.0	
NE	.1	.2	1.6	1.8	.5	.5	.3	.3	.2	.2	.0	.0	.0	.0	2.7	2.9	10.8	
ENE	.1	.1	1.4	1.5	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	2.1	2.3	10.1	
E	.2	.2	1.9	2.0	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	2.6	2.8	9.5	
ESE	.1	.1	1.9	2.0	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	2.8	3.1	10.3	
SE	.2	.2	3.3	3.6	1.3	1.4	.8	.8	.4	.4	.0	.0	.0	.0	6.0	6.5	11.7	
SSE	.2	.3	5.0	5.4	2.2	2.3	1.9	2.1	1.4	1.5	.3	.3	.0	.0	11.0	11.8	13.2	
S	.3	.3	7.7	8.3	3.8	4.1	3.7	4.0	3.1	3.4	.7	.7	.1	.1	19.4	20.9	14.1	
SSW	.2	.2	4.0	4.3	2.6	2.8	2.5	2.7	2.4	2.6	.7	.7	.1	.1	12.5	13.5	15.1	
SW	.2	.3	2.9	3.2	1.4	1.5	1.1	1.2	.8	.8	.1	.1	.0	.0	6.5	7.0	12.9	
WSW	.2	.2	1.6	1.7	.5	.6	.3	.4	.3	.3	.1	.1	.0	.0	3.0	3.3	12.0	
W	.2	.3	1.3	1.4	.3	.4	.3	.3	.3	.4	.1	.1	.0	.0	2.7	2.9	12.1	
WNW	.2	.2	1.2	1.3	.3	.3	.3	.3	.3	.3	.1	.1	.0	.0	2.3	2.5	11.9	
NW	.2	.2	1.3	1.4	.3	.4	.3	.3	.4	.4	.1	.1	.0	.0	2.6	2.8	12.5	
NNW	.1	.2	1.5	1.7	.6	.6	.4	.4	.5	.5	.1	.1	.0	.0	3.3	3.6	13.1	
CALM	2.3	2.5													2.3	2.5		
TOTAL	5.3	5.7	41.4	44.8	17.0	18.3	14.2	15.3	11.7	12.6	2.7	2.9	.3	.4	92.6	100	12.8	

ABI ABILENE, TX

CLASS 1 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 13962

NO. OBS.: 35228

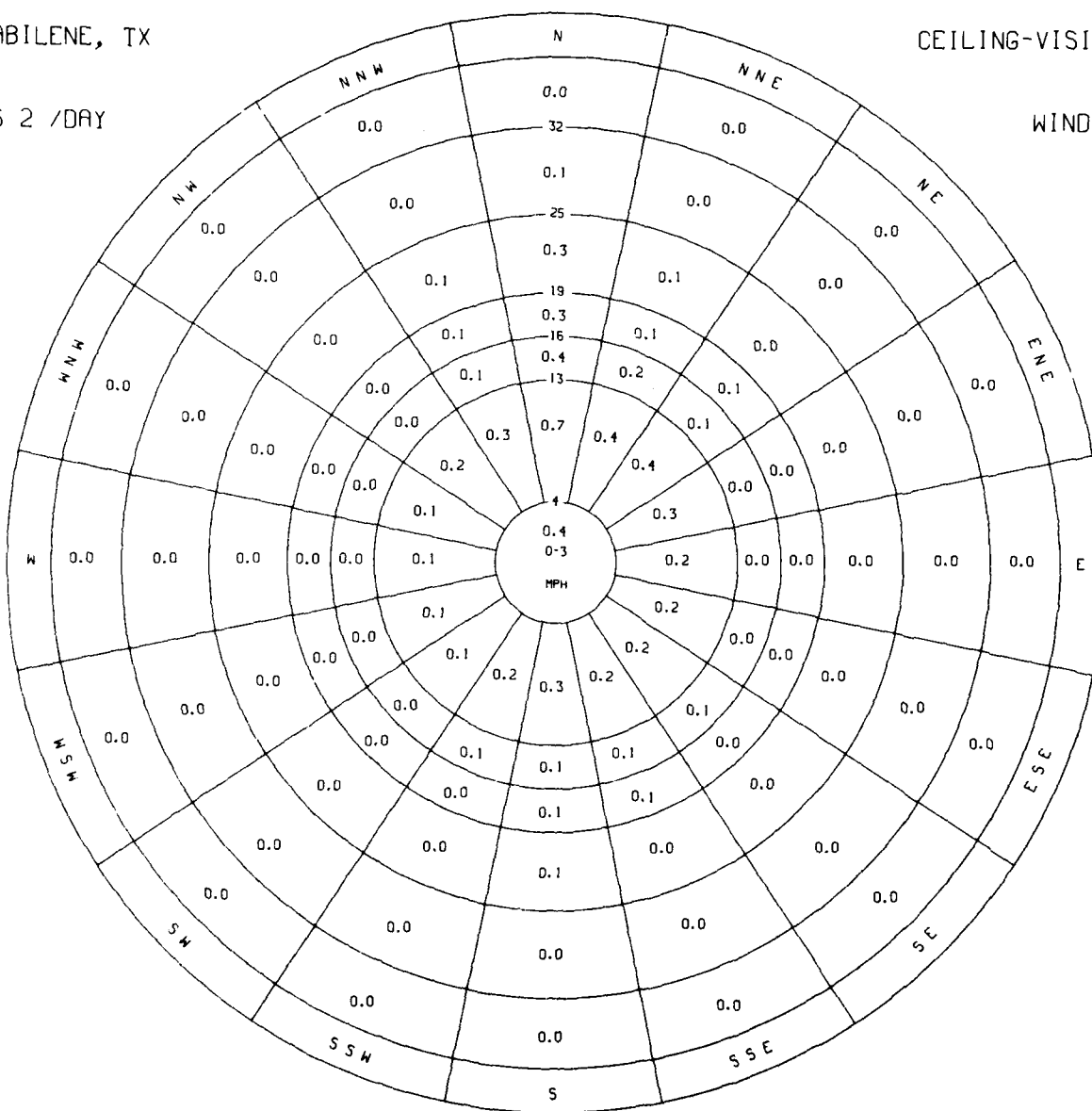
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.3	2.4	2.6	.7	.8	.7	.7	.7	.8	.2	.2	.0	.0	4.9	5.4	12.6
NNE	.1	.2	1.6	1.8	.5	.5	.4	.4	.3	.3	.1	.1	.0	.0	3.0	3.2	11.7
NE	.2	.3	1.5	1.7	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.3	2.5	9.2
ENE	.1	.2	1.5	1.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.0	8.3
E	.2	.2	2.3	2.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.9	3.1	8.5
ESE	.1	.1	3.5	3.8	.4	.5	.1	.1	.0	.1	.0	.0	.0	.0	4.2	4.6	9.1
SE	.2	.2	6.7	7.3	1.5	1.7	.7	.7	.3	.3	.0	.0	.0	.0	9.4	10.2	10.5
SSE	.3	.4	10.2	11.1	3.3	3.6	2.1	2.3	1.3	1.4	.2	.3	.0	.0	17.5	19.1	12.0
S	.5	.6	12.2	13.2	3.9	4.2	3.0	3.3	2.4	2.6	.3	.4	.0	.0	22.3	24.3	12.3
SSW	.3	.3	4.4	4.8	1.4	1.6	1.2	1.4	1.1	1.2	.2	.3	.0	.0	8.7	9.5	12.7
SW	.2	.3	1.9	2.1	.5	.5	.3	.3	.2	.3	.0	.1	.0	.0	3.2	3.5	10.6
WSW	.2	.2	1.0	1.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.4	1.5	8.4
W	.2	.2	.9	1.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.5	1.6	9.7
WNW	.1	.1	.9	1.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.4	1.5	10.2
NW	.1	.2	1.2	1.3	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	1.9	2.0	10.2
NNW	.1	.1	1.3	1.4	.3	.3	.2	.3	.2	.2	.1	.1	.0	.0	2.2	2.4	11.6
CALM	3.2	3.4													3.2	3.4	
TOTAL	6.5	7.1	53.6	58.3	13.8	15.1	9.6	10.4	7.0	7.6	1.3	1.4	.1	.1	91.9	100	11.0

ABI ABILENE, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 13962

NO. OBS.: 3655

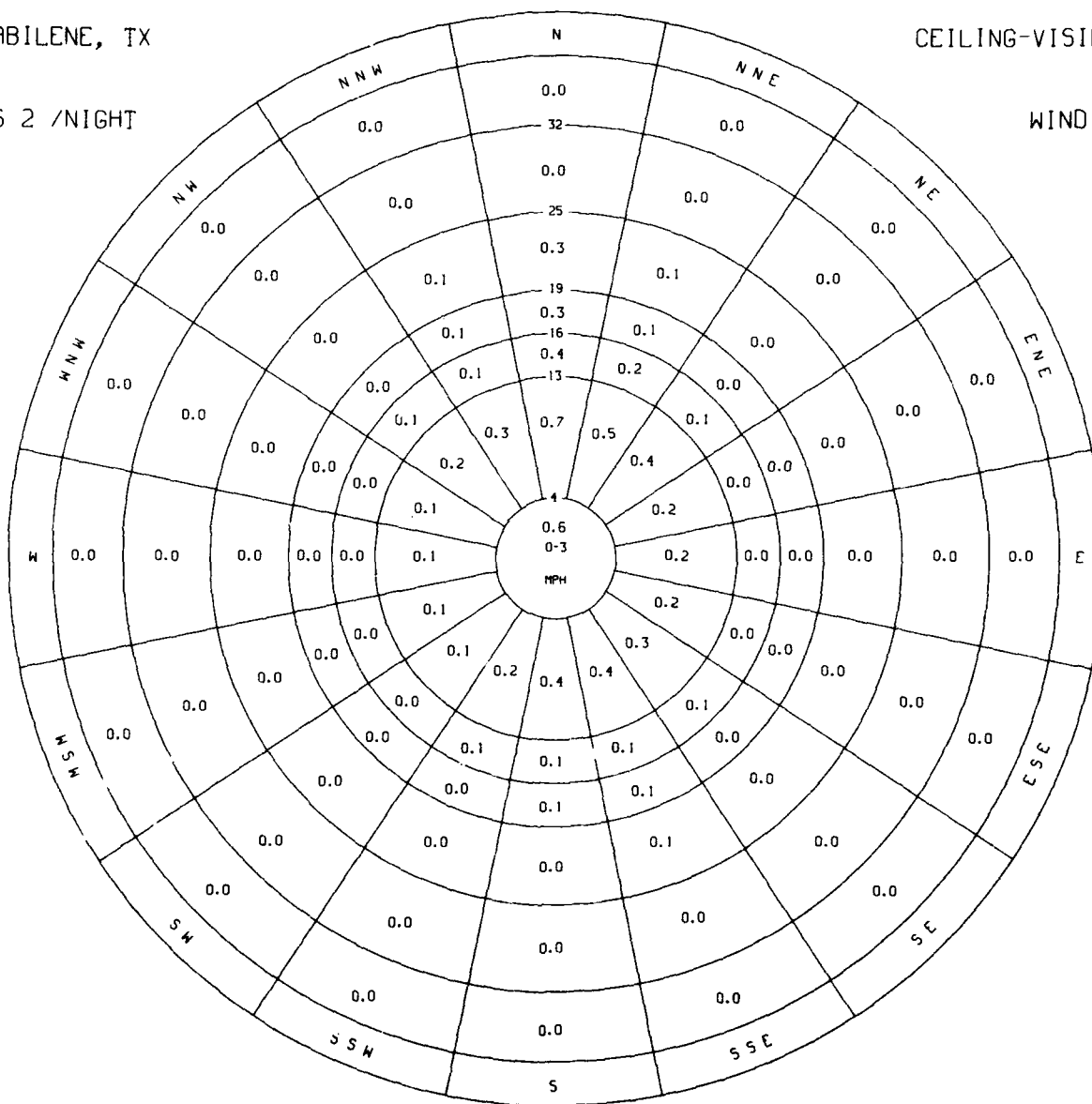
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.7	9.3	.4	4.7	.3	4.5	.3	3.6	.1	.8	.0	.1	1.7	23.4	14.2
NNE	.0	.1	.4	6.0	.2	2.2	.1	1.8	.1	.9	.0	.1	.0	.0	.8	11.1	12.6
NE	.0	.4	.4	5.3	.1	1.3	.1	.7	.0	.3	.0	.0	.0	.0	.6	8.0	10.4
ENE	.0	.2	.3	3.4	.0	.4	.0	.1	.0	.1	.0	.1	.0	.0	.3	4.2	9.6
E	.0	.2	.2	2.5	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.3	3.6	9.8
ESE	.0	.2	.2	2.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.4	9.6
SE	.0	.2	.2	2.9	.1	1.1	.0	.5	.0	.4	.0	.1	.0	.0	.4	5.3	11.8
SSE	.0	.1	.2	3.3	.1	1.4	.1	.9	.0	.7	.0	.1	.0	.0	.5	6.5	12.7
S	.0	.2	.3	3.4	.1	1.7	.1	1.3	.1	1.0	.0	.0	.0	.0	.6	7.6	12.9
SSW	.0	.1	.2	2.2	.1	.8	.0	.6	.0	.4	.0	.0	.0	.0	.3	4.0	12.5
SW	.0	.2	.1	1.3	.0	.5	.0	.3	.0	.1	.0	.1	.0	.0	.2	2.4	11.4
WSW	.0	.1	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.5	11.3
W	.0	.1	.1	.9	.0	.2	.0	.1	.0	.3	.0	.5	.0	.1	.2	2.2	16.7
WNW	.0	.1	.1	1.0	.0	.2	.0	.1	.0	.4	.0	.3	.0	.1	.2	2.2	14.8
NW	.0	.2	.2	2.2	.0	.6	.0	.2	.0	.4	.0	.2	.0	.1	.3	3.9	12.1
NNW	.0	.1	.3	3.4	.1	2.0	.1	1.3	.1	1.1	.0	.3	.0	.1	.6	8.3	13.6
CALM	.2	2.4													.2	2.4	
TOTAL	.4	5.1	3.8	50.6	1.4	18.4	1.0	12.9	.7	9.7	.2	2.7	.0	.6	7.4	100	12.3

ABI ABILENE, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 13962

NO. OBS.: 3107

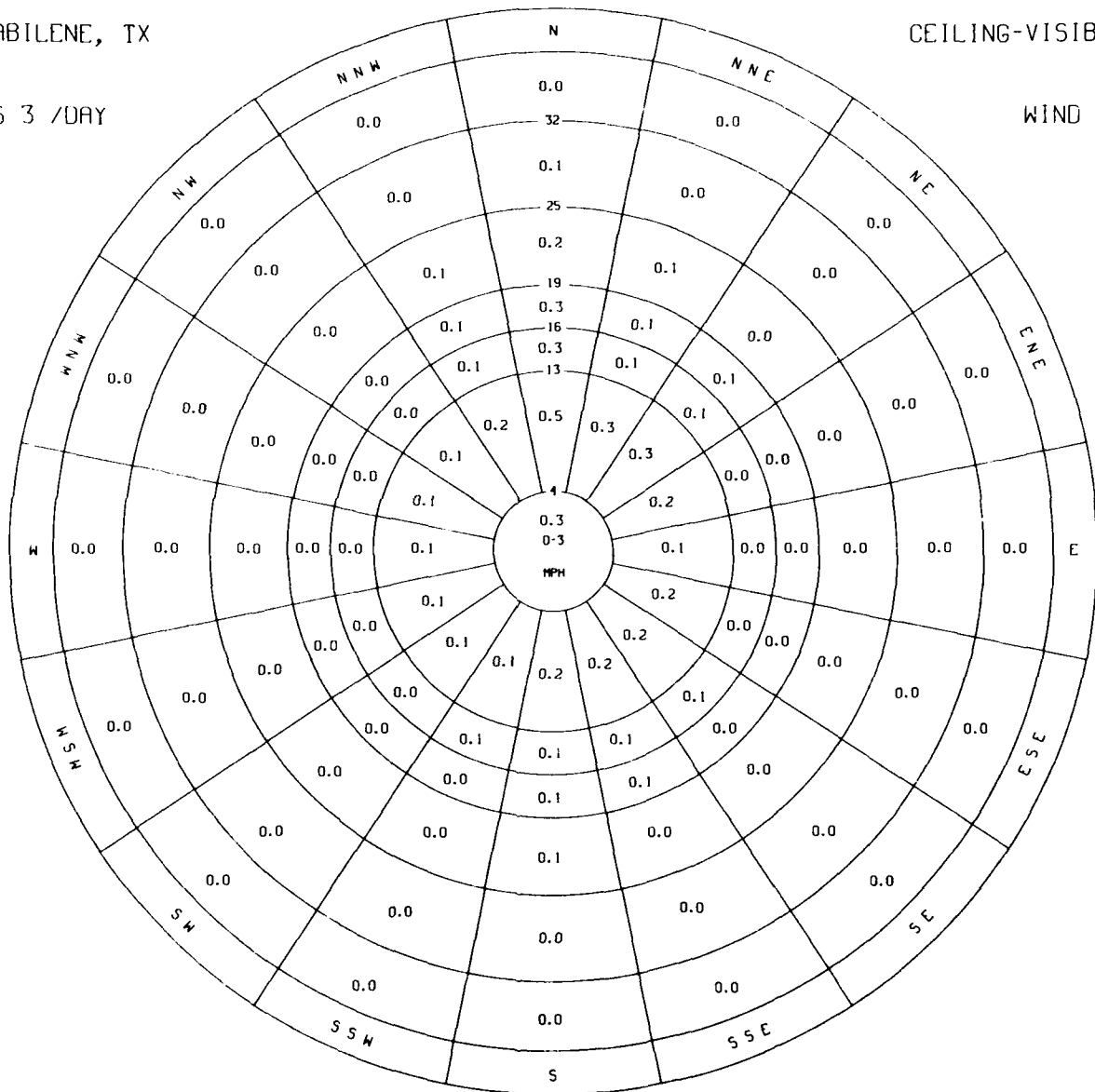
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.7	8.9	.4	4.9	.3	3.8	.3	3.2	.0	.6	.0	.1	1.8	21.9	13.8
NNE	.0	.2	.5	5.6	.2	2.3	.1	1.2	.1	1.3	.0	.1	.0	.0	.9	10.7	12.6
NE	.0	.4	.4	5.2	.1	1.2	.0	.2	.0	.2	.0	.0	.0	.0	.6	7.1	9.7
ENE	.0	.3	.2	3.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.9	9.0
E	.0	.3	.2	3.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.7	8.5
ESE	.0	.2	.2	2.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.7	9.3
SE	.0	.2	.3	4.3	.1	1.0	.0	.5	.0	.3	.0	.0	.0	.0	.5	6.4	10.6
SSE	.0	.1	.4	4.9	.1	1.5	.1	1.4	.1	.7	.0	.2	.0	.1	.7	8.9	12.4
S	.0	.3	.4	4.3	.1	1.5	.1	1.2	.0	.6	.0	.2	.0	.0	.7	8.1	12.0
SSW	.0	.2	.2	2.2	.1	.8	.0	.5	.0	.4	.0	.0	.0	.0	.3	4.1	11.4
SW	.0	.2	.1	1.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.0	8.9
WSW	.0	.2	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	8.4
W	.0	.2	.1	.7	.0	.2	.0	.1	.0	.1	.0	.2	.0	.0	.1	1.4	11.8
WNW	.0	.1	.1	1.2	.0	.2	.0	.1	.0	.1	.0	.2	.0	.1	.2	1.9	12.2
NW	.0	.4	.2	2.5	.1	.7	.0	.3	.0	.5	.0	.0	.0	.1	.4	4.4	11.6
NNW	.0	.2	.3	3.4	.1	1.7	.1	.8	.1	1.1	.0	.3	.0	.0	.6	7.6	13.3
CALM	.3	3.9													.3	3.9	
TOTAL	.6	7.6	4.4	53.7	1.4	17.0	.9	10.9	.7	8.5	.2	1.9	.0	.4	8.1	100	11.4

ABI ABILENE, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 3 / DAY

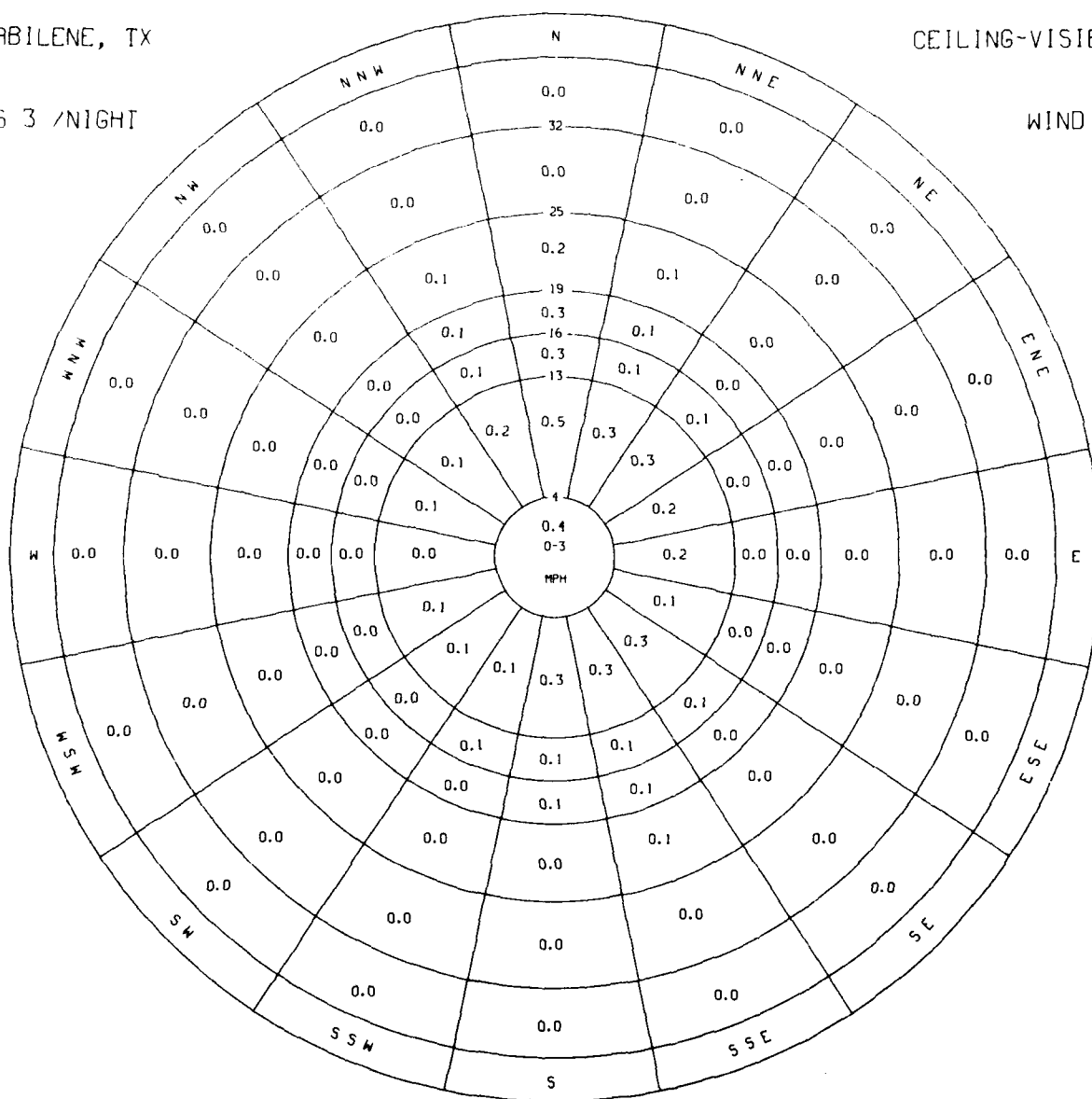
STATION NUMBER: 13962

NO. OBS.: 3018

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.5	8.2	.3	4.6	.3	4.5	.2	3.7	.1	.9	.0	.1	1.4	22.3	14.6
NNE	.0	.1	.3	5.4	.1	2.3	.1	1.9	.1	.9	.0	.1	.0	.0	.6	10.6	12.8
NE	.0	.4	.3	5.0	.1	1.4	.1	.8	.0	.3	.0	.0	.0	.0	.5	7.9	10.7
ENE	.0	.1	.2	3.4	.0	.4	.0	.2	.0	.1	.0	.1	.0	.0	.3	4.3	10.0
E	.0	.2	.1	2.4	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.2	3.4	9.8
ESE	.0	.2	.2	2.7	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.2	3.7	9.5
SE	.0	.2	.2	2.8	.1	1.2	.0	.5	.0	.3	.0	.1	.0	.0	.3	5.2	11.9
SSE	.0	.1	.2	3.7	.1	1.6	.1	1.1	.0	.8	.0	.2	.0	.0	.5	7.4	12.9
S	.0	.2	.2	3.8	.1	2.0	.1	1.5	.1	1.2	.0	.0	.0	.0	.5	8.7	13.1
SSW	.0	.0	.1	2.2	.1	.9	.0	.7	.0	.4	.0	.0	.0	.0	.3	4.3	13.1
SW	.0	.1	.1	1.5	.0	.6	.0	.3	.0	.1	.0	.0	.0	.0	.2	2.6	11.7
WSW	.0	.1	.1	1.1	.0	.1	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.6	11.1
W	.0	.0	.1	.9	.0	.2	.0	.1	.0	.3	.0	.4	.0	.1	.1	2.0	16.3
WNW	.0	.1	.1	1.0	.0	.2	.0	.0	.0	.3	.0	.3	.0	.1	.1	2.0	14.7
NW	.0	.2	.1	1.9	.0	.6	.0	.2	.0	.4	.0	.2	.0	.1	.2	3.6	12.4
NNW	.0	.1	.2	3.2	.1	2.0	.1	1.4	.1	1.3	.0	.3	.0	.1	.5	8.4	14.0
CALM	.1	2.1													.1	2.1	
TOTAL	.3	4.5	3.0	49.0	1.2	19.2	.8	13.7	.6	10.3	.2	2.7	.0	.5	6.1	100	12.6

CLASS 3 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: APT. ARIZONA, AZ

PERIOD: 1949-1978

CLASS 3 / NIGHT

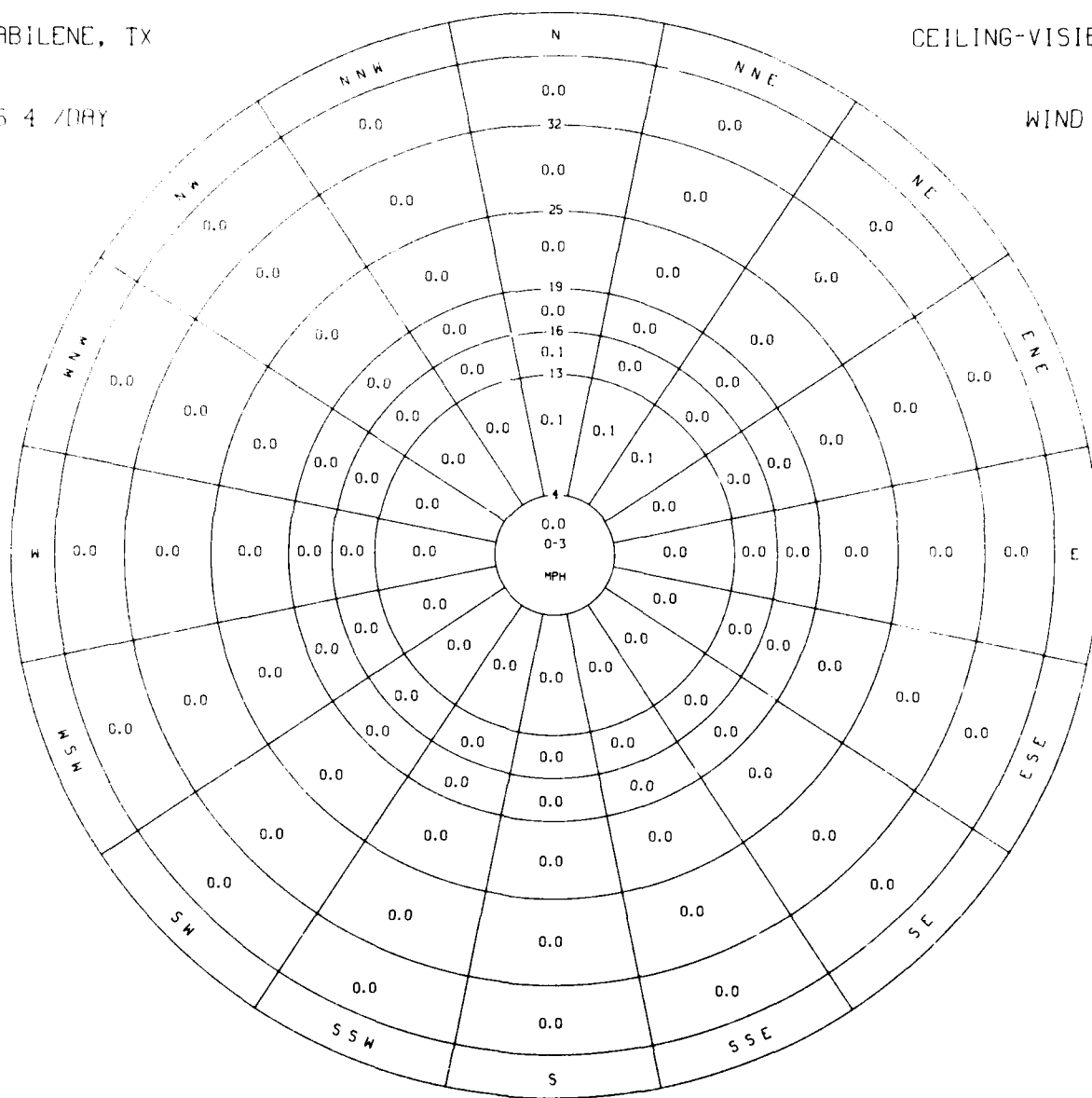
STATION NUMBER: 13962

NO. OBS.: 2305

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.5	7.5	.3	5.1	.3	4.2	.2	3.8	.0	.6	.0	.0	1.3	21.5	14.5
NNE	.0	.1	.3	4.8	.1	2.3	.1	1.5	.1	1.6	.0	.1	.0	.0	.6	10.3	13.2
NE	.0	.3	.3	4.6	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.4	6.6	9.9
ENE	.0	.1	.2	2.7	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.2	3.7	9.7
E	.0	.3	.2	2.6	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.2	3.3	8.7
ESE	.0	.1	.1	2.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.7	9.7
SE	.0	.2	.3	4.2	.1	1.0	.0	.5	.0	.4	.0	.0	.0	.0	.4	6.3	10.6
SSE	.0	.2	.3	5.2	.1	1.8	.1	1.6	.1	.9	.0	.2	.0	.1	.6	9.9	12.8
S	.0	.3	.3	4.6	.1	1.8	.1	1.6	.0	.7	.0	.3	.0	.0	.6	9.3	12.5
SSW	.0	.2	.1	2.3	.1	1.0	.0	.7	.0	.4	.0	.0	.0	.0	.3	4.6	11.9
SW	.0	.2	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.0	9.2
WSW	.0	.1	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	8.3
W	.0	.1	.0	.7	.0	.2	.0	.1	.0	.1	.0	.2	.0	.0	.1	1.5	13.3
WNW	.0	.1	.1	1.1	.0	.2	.0	.1	.0	.1	.0	.2	.0	.1	.1	2.0	12.8
NW	.0	.3	.1	2.2	.0	.7	.0	.4	.0	.5	.0	.0	.0	.0	.2	4.1	12.3
NNW	.0	.2	.2	3.0	.1	2.0	.1	1.0	.1	1.4	.0	.4	.0	.0	.5	8.0	14.1
CALM	.2	3.0													.2	3.0	
TOTAL	.4	6.1	3.0	49.8	1.1	18.6	.8	12.8	.6	10.3	.1	2.1	.0	.4	6.0	100	12.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 13962

NO. OBS.: 457

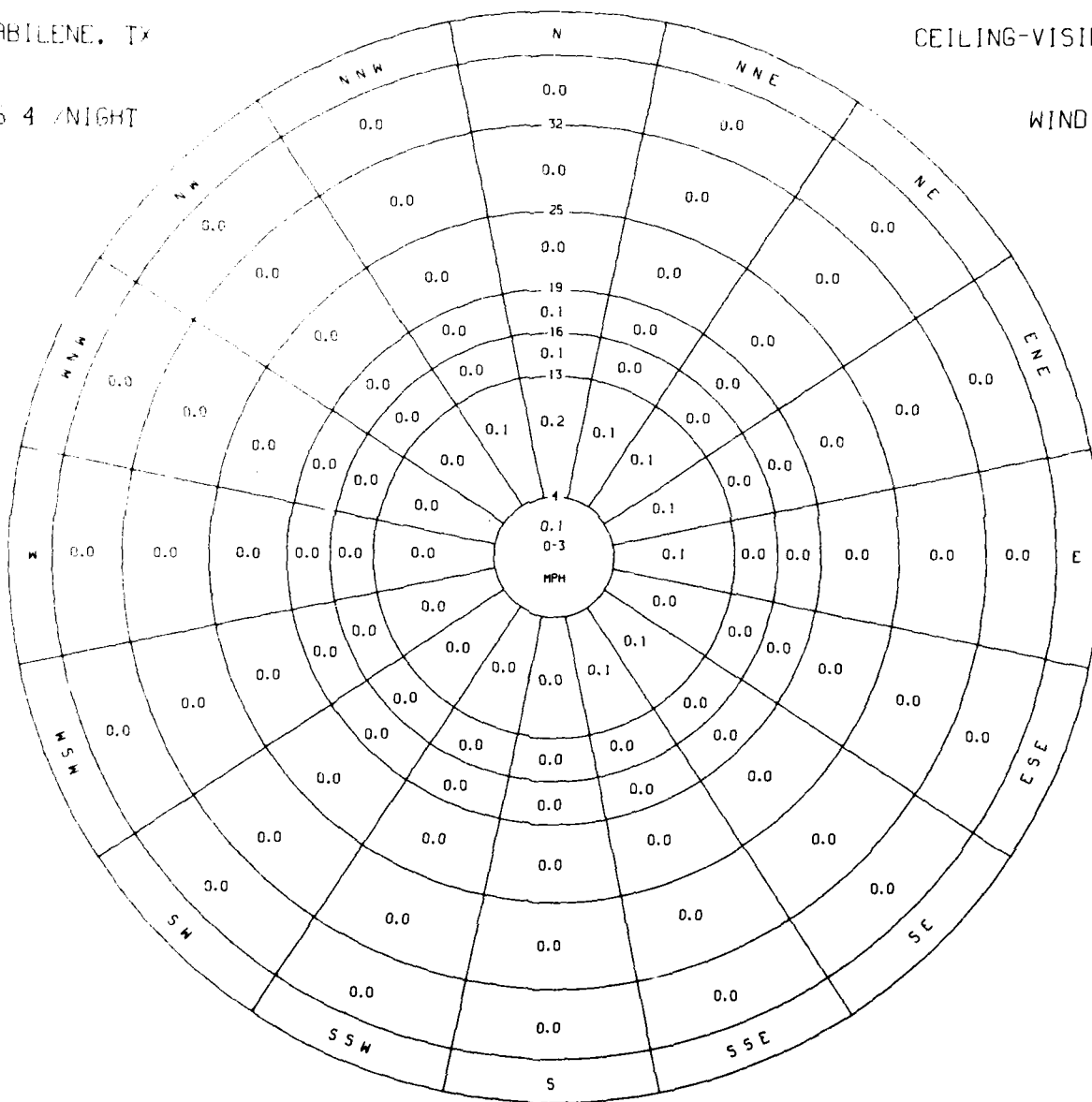
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.7	.1	13.3	.1	6.3	.0	4.6	.0	2.6	.0	.4	.0	.0	.3	28.0	12.7
NNE	.0	.0	.1	9.8	.0	2.0	.0	1.5	.0	1.1	.0	.4	.0	.0	.1	14.9	12.0
NE	.0	.2	.1	7.2	.0	.7	.0	.0	.0	.4	.0	.0	.0	.0	.1	8.5	9.3
ENE	.0	.4	.0	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	8.1
E	.0	.4	.0	3.3	.0	.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	5.3	10.0
ESE	.0	.0	.0	2.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	10.4
SE	.0	.4	.0	3.3	.0	1.1	.0	.9	.0	.7	.0	.0	.0	.0	.1	6.3	11.7
SSE	.0	.0	.0	1.8	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.8	10.8
S	.0	.0	.0	1.8	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	2.4	9.7
SSW	.0	.2	.0	2.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.1
SW	.0	.2	.0	.7	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0	1.3	11.3
WSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	1.1	14.6
W	.0	.2	.0	.2	.0	.0	.0	.2	.0	.4	.0	1.1	.0	.2	.0	2.4	22.5
WNW	.0	.2	.0	1.3	.0	.2	.0	.4	.0	.7	.0	.2	.0	.0	.0	3.1	14.1
NW	.0	.2	.0	3.1	.0	.7	.0	.7	.0	.0	.0	.4	.0	.0	.0	5.0	11.7
NNW	.0	.2	.0	3.7	.0	2.0	.0	1.1	.0	.2	.0	.2	.0	.0	.1	7.4	11.8
CALM	.0	1.8													.0	1.8	
TOTAL	.0	5.3	.5	58.0	.2	16.2	.1	10.7	.1	6.3	.0	3.1	.0	.4	.9	100	11.5

ABI ABILENE, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 13962

NO. OBS.: 518

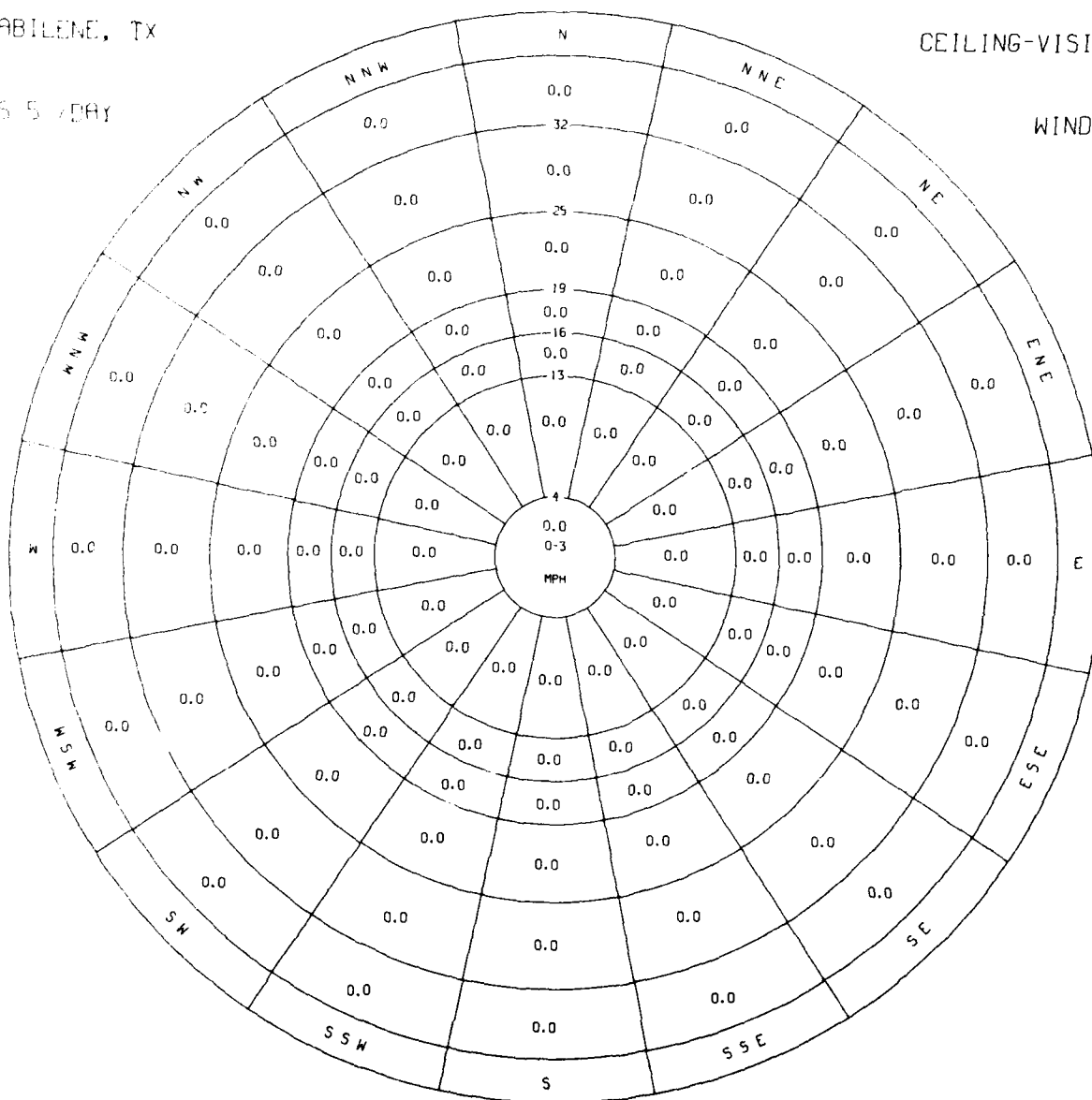
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.2	13.9	.1	5.0	.1	3.9	.0	1.7	.0	.4	.0	.2	.3	25.3	12.3
NNE	.0	.2	.1	9.1	.0	2.5	.0	.4	.0	.6	.0	.4	.0	.0	.2	13.1	11.5
NE	.0	.4	.1	6.8	.0	1.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	8.3	9.4
ENE	.0	.6	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	7.5
E	.0	.2	.1	3.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	7.6
ESE	.0	.4	.0	2.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.3
SE	.0	.0	.1	5.4	.0	.8	.0	.8	.0	.2	.0	.2	.0	.0	.1	7.3	11.1
SSE	.0	.0	.1	3.9	.0	.8	.0	.6	.0	.2	.0	.0	.0	.0	.1	5.4	10.9
S	.0	.2	.0	3.3	.0	.8	.0	.0	.0	.2	.0	.2	.0	.0	.1	4.6	10.4
SSW	.0	.4	.0	1.4	.0	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	2.3	9.9
SW	.0	.0	.0	1.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.4	9.4
WSW	.0	.2	.0	1.7	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	2.3	9.2
W	.0	.4	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.3
WNW	.0	.0	.0	1.2	.0	.2	.0	.0	.0	.2	.0	.2	.0	.0	.0	1.7	11.8
NW	.0	.2	.0	2.5	.0	1.0	.0	.2	.0	.6	.0	.0	.0	.0	.1	4.4	11.6
NNW	.0	.2	.1	4.8	.0	1.4	.0	.0	.0	.0	.0	.2	.0	.0	.1	6.6	10.5
CALM	.1	3.9													.1	3.9	
TOTAL	.1	7.3	.9	65.8	.2	14.7	.1	6.2	.1	4.1	.0	1.7	.0	.2	1.4	100	10.3

ABI ABILENE, TX

CLASS 5 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-197

CL. F. DAY

STATION NUMBER: 13962

NO. OBS.: 9

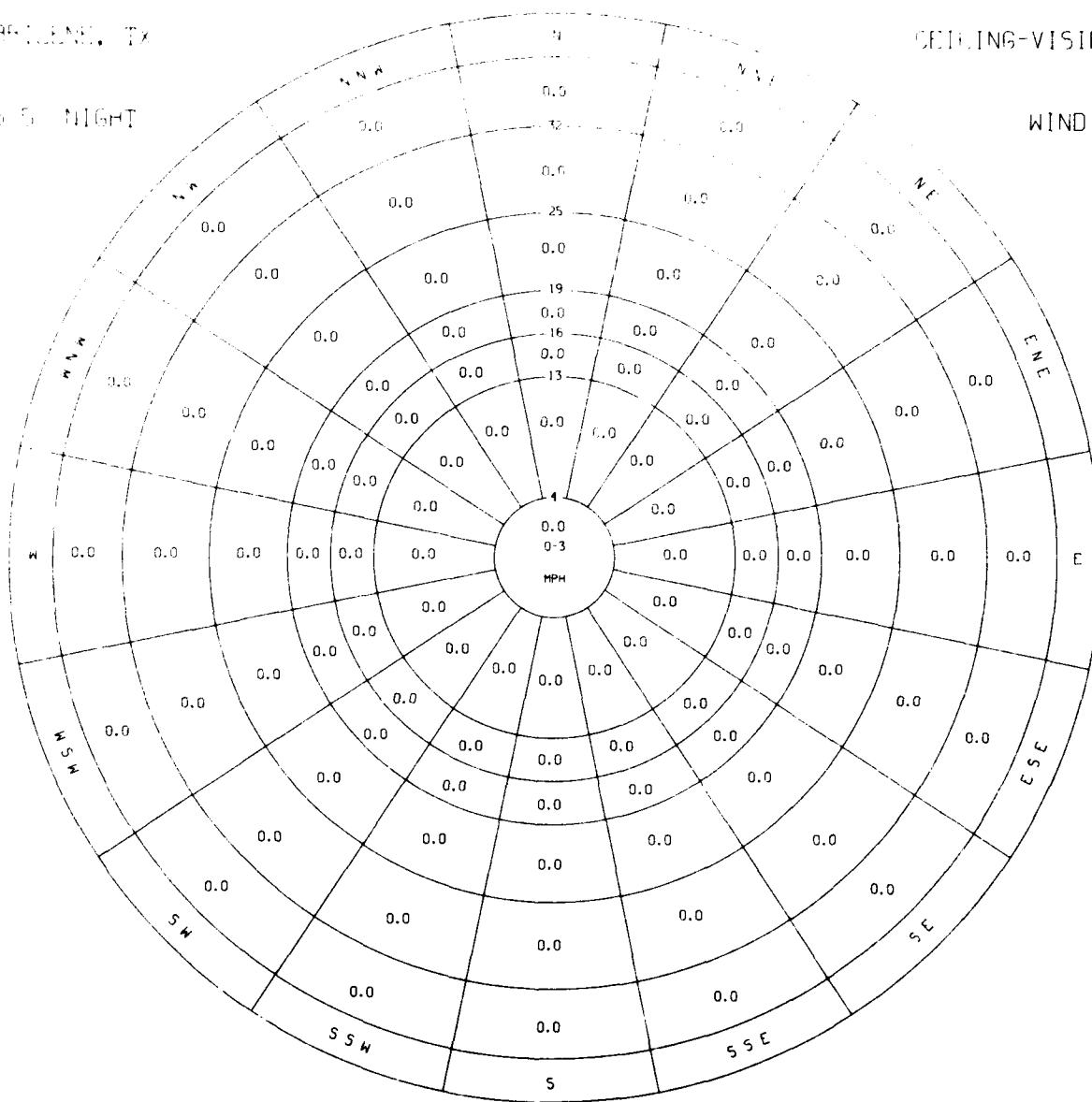
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	13.3	.0	3.3	.0	4.4	.0	3.3	.0	1.1	.0	.0	.0	25.6	13.1
NNE	.0	.0	.0	7.8	.0	2.2	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	13.3	12.7
NE	.0	2.2	.0	5.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	8.1
ENE	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	7.2
E	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	9.0
ESE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
SE	.0	1.1	.0	5.6	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	7.8	10.0
SSE	.0	.0	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	9.3
S	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	9.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.5
WSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.0
W	.0	1.1	.0	3.3	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	6.7	10.8
WNW	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	3.3	16.0
NW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	1.1	.0	.0	.0	1.1	.0	5.6	15.4
NNW	.0	.0	.0	4.4	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	10.3
CALM	.0	6.7													.0	6.7	
TOTAL	.0	12.2	.1	57.8	.0	12.2	.0	5.6	.0	10.0	.0	1.1	.0	1.1	.2	100	10.5

ARI ARIZONA, TX

1985 5 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 13962

NO. OBS.: 122

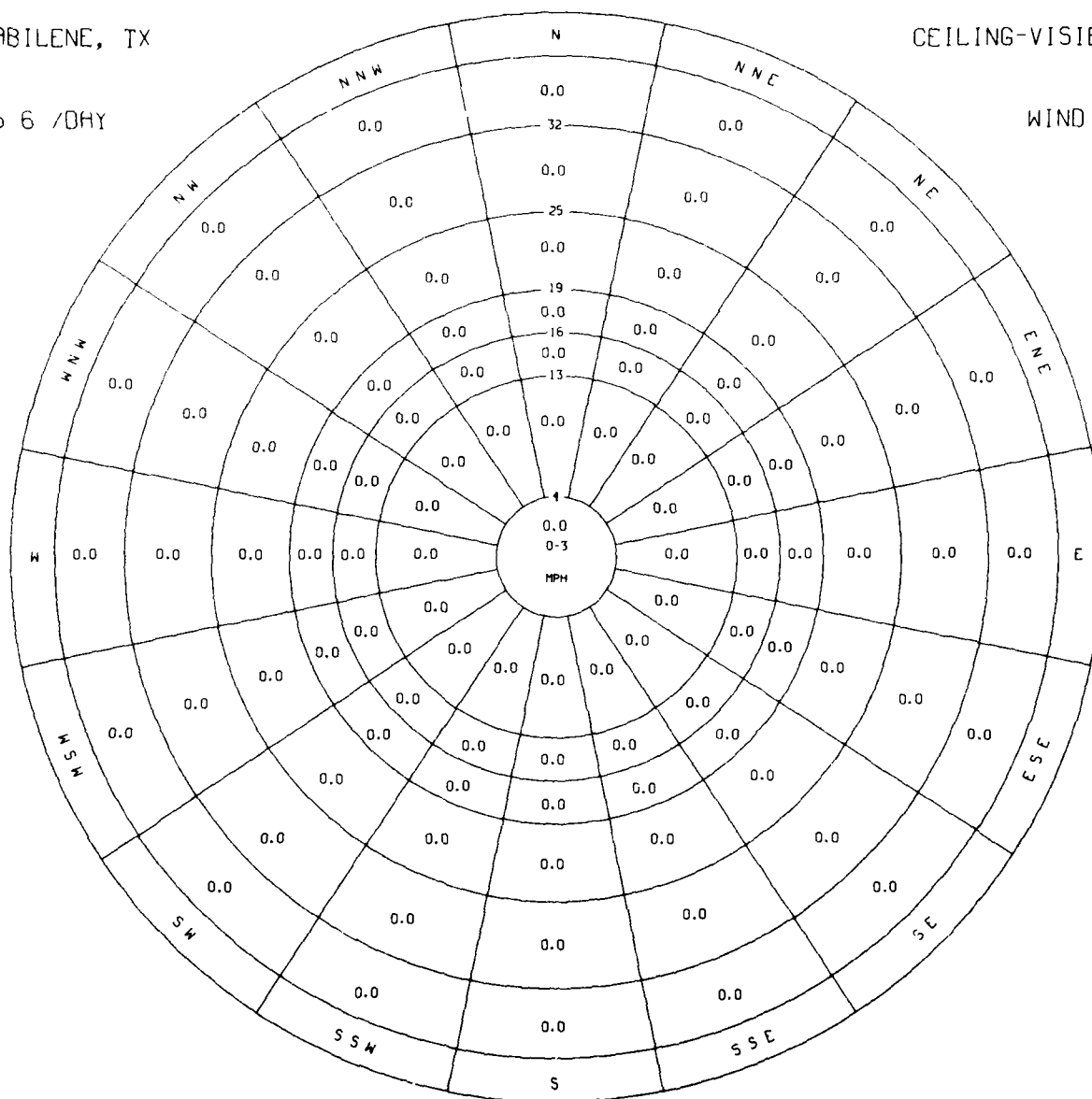
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	13.1	.0	4.1	.0	2.5	.0	.8	.0	.8	.0	.0	.1	21.3	11.4
NNE	.0	.0	.0	7.4	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	9.0	10.4
NE	.0	.8	.0	9.0	.0	2.5	.0	.8	.0	.8	.0	.0	.0	.0	.0	13.9	9.8
ENE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
E	.0	.0	.0	5.7	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	7.4	9.4
ESE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
SE	.0	.0	.0	4.9	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	6.6	10.1
SSE	.0	.0	.0	4.1	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	6.6	10.6
S	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.3
SSW	.0	.0	.0	4.1	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	4.9	9.5
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.5
NW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	3.3	14.2
NNW	.0	.0	.0	5.7	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	7.4	10.2
CALM	.0	6.6													.0	6.6	
TOTAL	.0	7.4	.2	69.7	.0	9.8	.0	9.0	.0	2.5	.0	.8	.0	.8	.3	100	9.4

ABI ABILENE, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 13962

NO. OBS.: 90

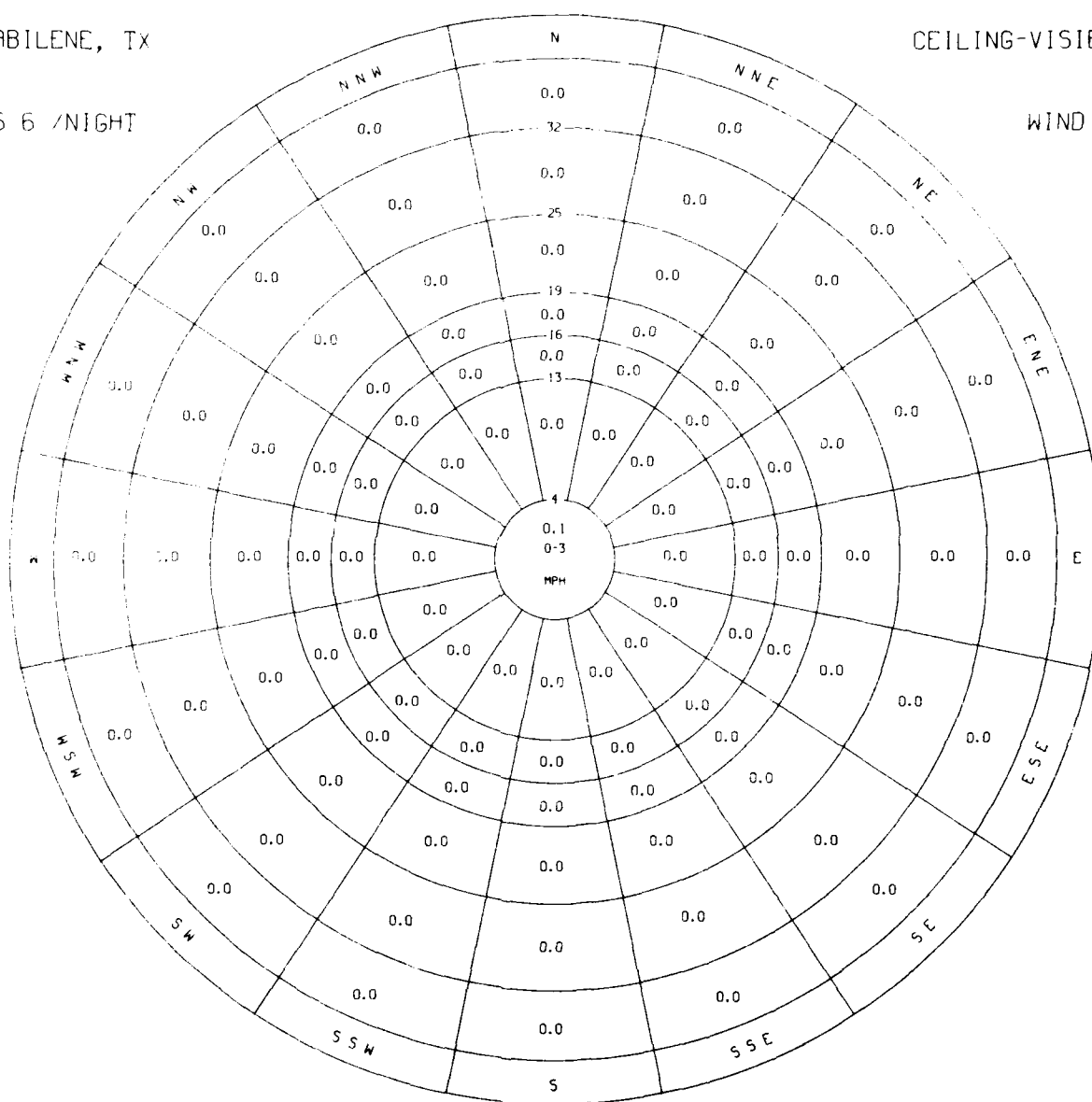
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.1	.0	21.1	.0	3.3	.0	4.4	.0	2.2	.0	.0	.0	2.2	.1	34.4	12.8
NNE	.0	.0	.0	5.6	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	7.8	10.3
NE	.0	.0	.0	4.4	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	10.3
ENE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.7
E	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.3
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.0
SSW	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
SW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	3.3	17.0
WNW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	3.3	17.7
NW	.0	1.1	.0	5.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	7.3
NNW	.0	.0	.0	7.8	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	10.0	9.3
CALM	.0	11.1													.0	11.1	
TOTAL	.0	16.7	.1	60.0	.0	7.8	.0	6.7	.0	4.4	.0	1.1	.0	3.3	.2	100	7.6

ABI ABILENE, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABI ABILENE, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 13962

NO. OBS.: 162

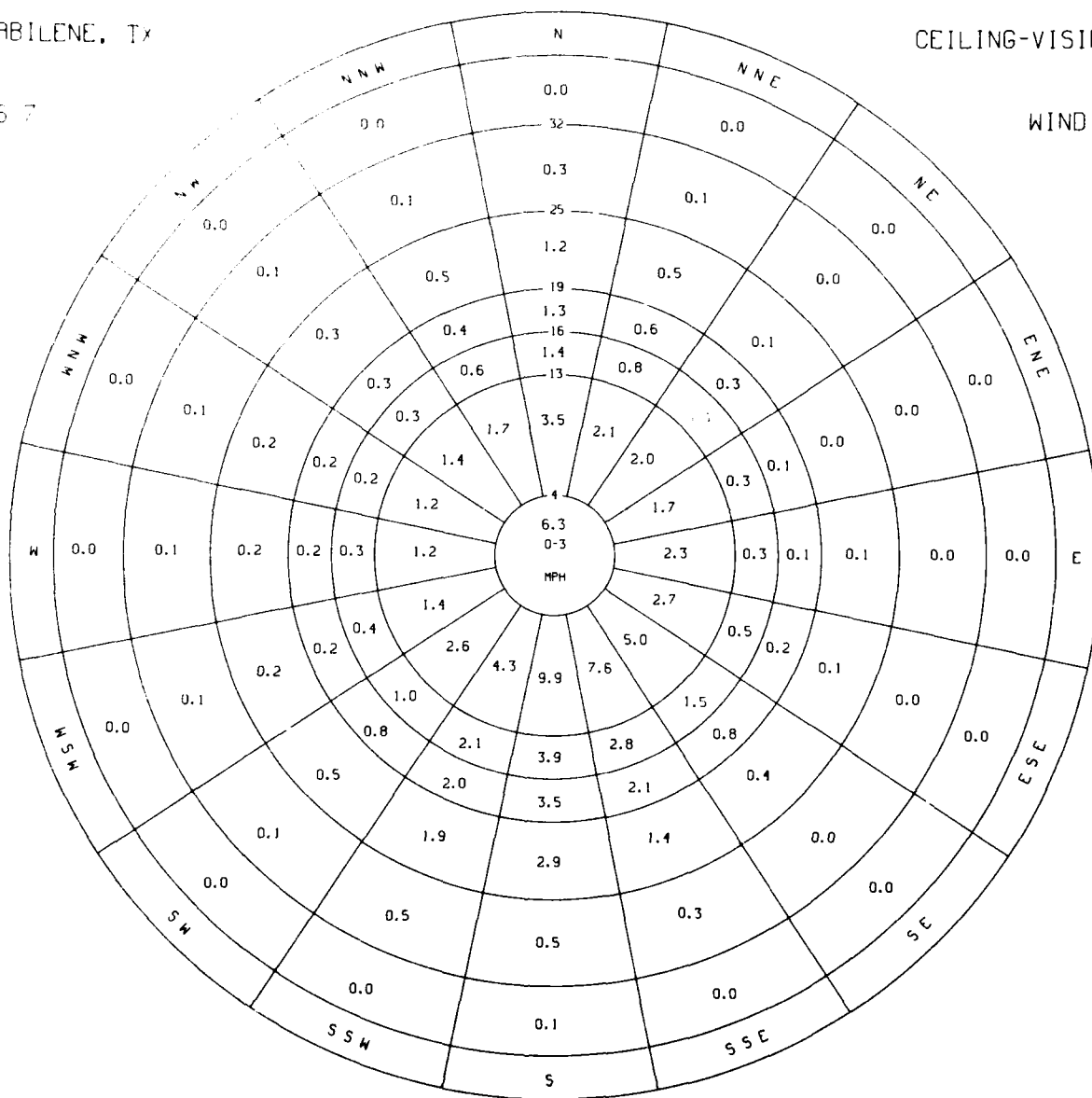
D I R	SPEED GROUPS (MPH)															WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	2.5	.0	9.3	.0	1.9	.0	.0	.0	1.2	.0	.6	.0	.6	.1	16.0	10.7
NNE	.0	1.2	.0	4.9	.0	2.5	.0	.6	.0	.6	.0	.0	.0	.0	.0	9.9	10.0
NE	.0	1.2	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	7.5
ENE	.0	1.2	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.9
E	.0	.6	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	8.0
ESE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0
SE	.0	1.2	.0	1.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.2
SSE	.0	.0	.0	5.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.7
S	.0	.0	.0	3.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	7.4
SSW	.0	.6	.0	1.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.4
SW	.0	1.9	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	7.0
WSW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.3
W	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0
WNW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0
NW	.0	2.5	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	6.9
NNW	.0	.6	.0	2.5	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	4.3	9.4
CALM	.1	14.2													.1	14.2	
TOTAL	.1	29.0	.3	59.3	.0	7.4	.0	1.2	.0	1.9	.0	.6	.0	.6	.4	100	7.0

ABI ABILENE, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

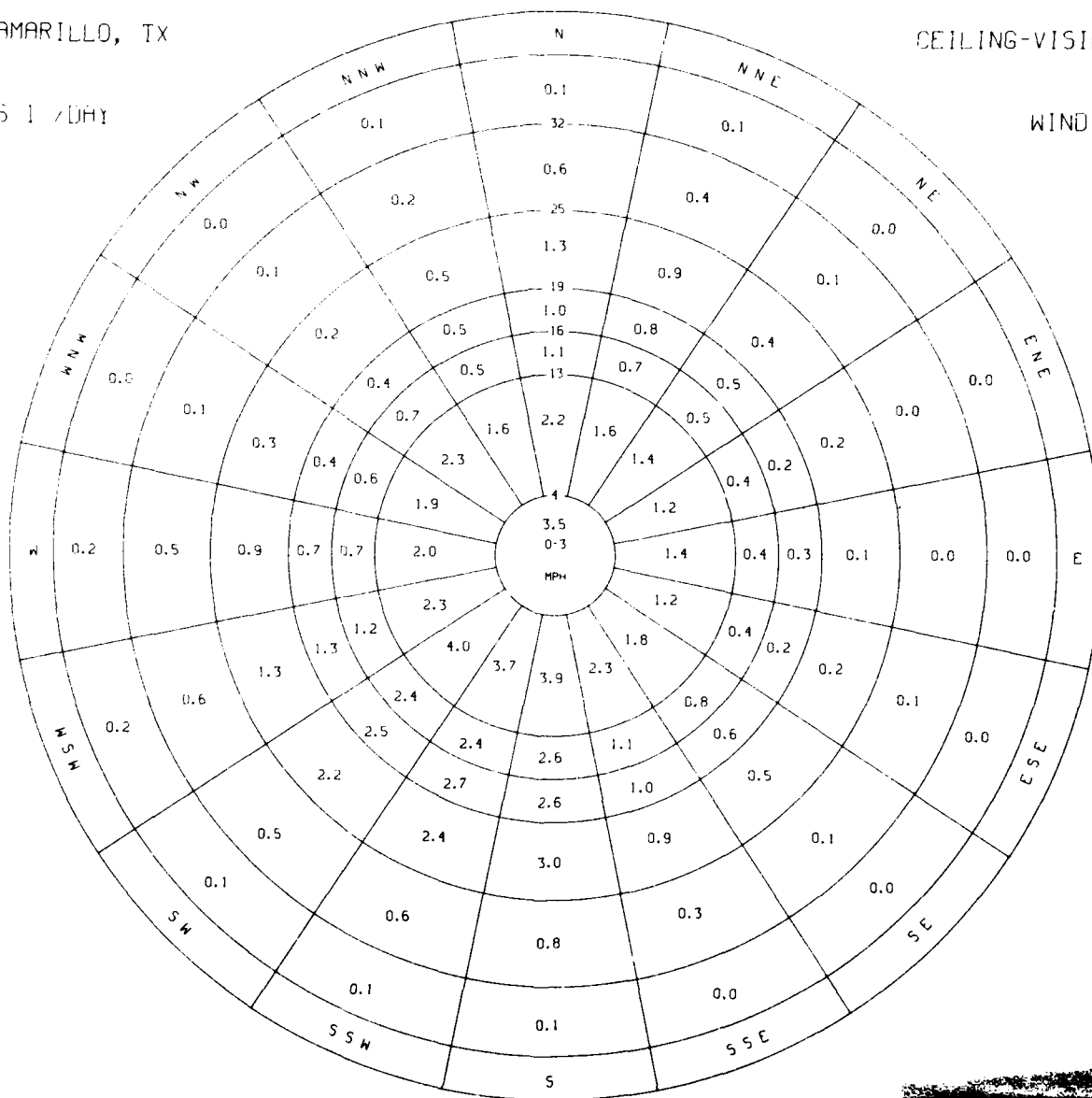


AMA AMARILLO, TX

CLASS 1 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 24047

NO. OBS.: 44574

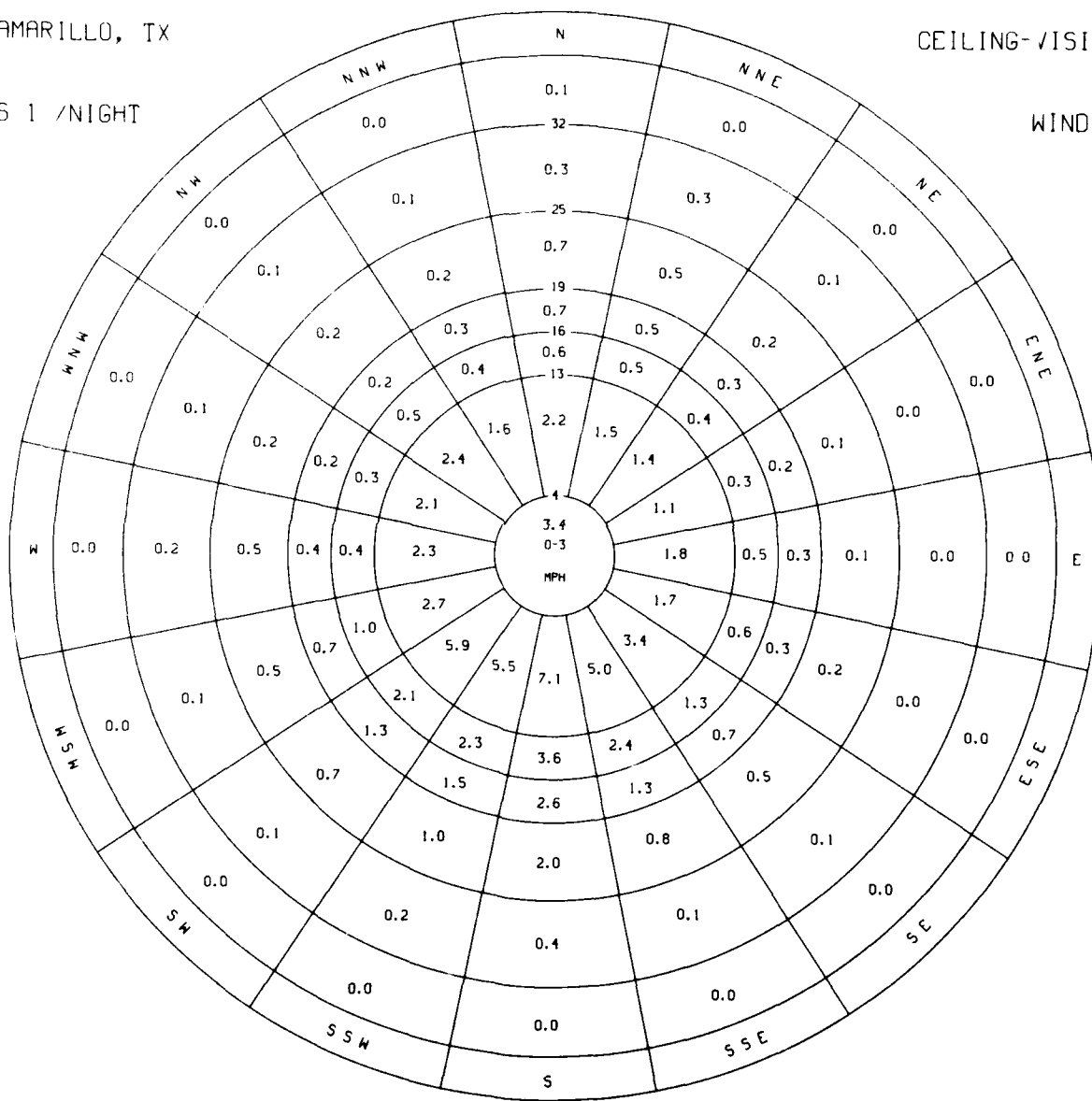
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.2	2.2	2.4	1.1	1.2	1.0	1.1	1.3	1.4	.6	.6	.1	.1	6.5	7.1	15.4
NNE	.1	.1	1.6	1.8	.7	.8	.8	.9	.9	1.0	.4	.4	.1	.1	4.6	5.0	15.2
NE	.1	.1	1.4	1.5	.5	.6	.5	.5	.4	.4	.1	.1	.0	.0	3.0	3.3	12.8
ENE	.1	.1	1.2	1.3	.4	.4	.2	.3	.2	.2	.0	.0	.0	.0	2.2	2.3	11.9
E	.1	.2	1.4	1.5	.4	.5	.3	.3	.1	.2	.0	.0	.0	.0	2.4	2.6	11.0
ESE	.1	.1	1.2	1.3	.4	.4	.2	.2	.2	.2	.1	.1	.0	.0	2.1	2.3	11.7
SE	.2	.2	1.8	1.9	.8	.9	.6	.7	.5	.6	.1	.1	.0	.0	4.0	4.4	13.1
SSE	.1	.1	2.3	2.5	1.1	1.2	1.0	1.1	.9	.9	.3	.4	.0	.0	5.9	6.4	14.3
S	.2	.2	3.9	4.3	2.6	2.8	2.6	2.8	3.0	3.2	.8	.8	.1	.1	13.1	14.3	15.6
SSW	.2	.2	3.7	4.0	2.4	2.6	2.7	2.9	2.4	2.7	.6	.7	.1	.1	12.1	13.1	15.4
SW	.2	.2	4.0	4.3	2.4	2.6	2.5	2.7	2.2	2.4	.5	.6	.1	.1	11.9	13.0	15.1
WSW	.1	.2	2.3	2.4	1.2	1.3	1.3	1.4	1.3	1.5	.6	.7	.2	.2	7.1	7.7	15.9
W	.2	.2	2.0	2.2	.7	.7	.7	.7	.9	.9	.5	.6	.2	.2	5.1	5.6	15.4
WNW	.2	.2	1.9	2.1	.6	.6	.4	.4	.3	.3	.1	.2	.0	.0	3.5	3.8	12.0
NW	.2	.2	2.3	2.5	.7	.8	.4	.4	.2	.3	.1	.1	.0	.0	4.0	4.3	11.3
NNW	.1	.2	1.6	1.7	.5	.6	.5	.5	.5	.5	.2	.3	.1	.1	3.5	3.8	13.9
CALM	1.0	1.1													1.0	1.1	
TOTAL	3.5	3.8	34.9	37.9	16.6	18.1	15.6	16.9	15.2	16.6	5.2	5.6	1.0	1.1	92.1	100	14.4

AMA AMARILLO, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 23047

NO. OBS.: 35584

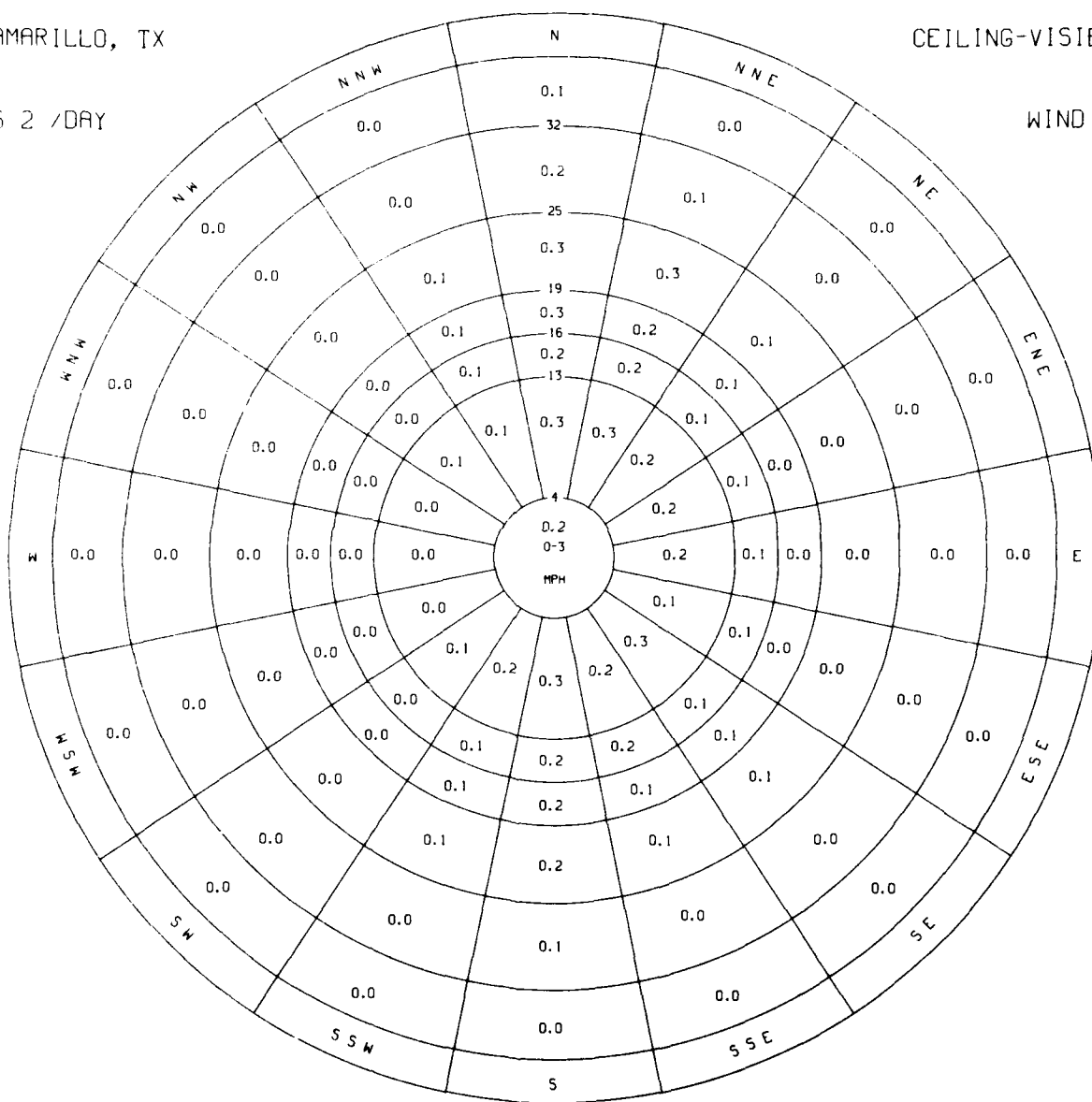
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	.2	2.2	2.4	.6	.6	.7	.7	.7	.7	.3	.3	.1	.1	4.7	5.1	13.6
NNE	.1	.1	1.5	1.7	.5	.5	.5	.6	.5	.5	.3	.3	.0	.0	3.4	3.8	13.9
NE	.1	.2	1.4	1.6	.4	.4	.3	.3	.2	.2	.1	.1	.0	.0	2.5	2.8	11.6
ENE	.1	.1	1.1	1.2	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	1.8	2.0	11.1
E	.1	.1	1.8	2.0	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	2.9	3.2	11.1
ESE	.1	.1	1.7	1.9	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	2.8	3.1	11.4
SE	.1	.1	3.4	3.8	1.3	1.4	.7	.8	.5	.5	.1	.1	.0	.0	6.2	6.8	12.2
SSE	.1	.1	5.0	5.5	2.4	2.7	1.3	1.4	.8	.9	.1	.2	.0	.0	9.8	10.8	12.8
S	.2	.2	7.1	7.8	3.6	3.9	2.6	2.8	2.0	2.2	.4	.4	.0	.0	15.8	17.4	13.5
SSW	.2	.2	5.5	6.1	2.3	2.5	1.5	1.7	1.0	1.2	.2	.2	.0	.0	10.7	11.8	12.8
SW	.2	.2	5.9	6.5	2.1	2.3	1.3	1.4	.7	.8	.1	.1	.0	.0	10.3	11.4	12.0
WSW	.2	.2	2.7	3.0	1.0	1.1	.7	.8	.5	.6	.1	.2	.0	.0	5.3	5.8	12.6
W	.2	.2	2.3	2.5	.4	.5	.4	.5	.5	.6	.2	.2	.0	.0	4.1	4.5	12.2
WNW	.1	.2	2.1	2.3	.3	.3	.2	.3	.2	.2	.1	.1	.0	.0	3.0	3.3	10.2
NW	.2	.2	2.4	2.7	.5	.6	.2	.2	.2	.2	.1	.1	.0	.0	3.6	4.0	10.4
NNW	.1	.1	1.6	1.8	.4	.4	.3	.3	.2	.3	.1	.1	.0	.0	2.8	3.1	11.9
CALM	1.1	1.2													1.1	1.2	
TOTAL	3.4	3.7	47.9	52.8	17.1	18.9	11.4	12.6	8.3	9.2	2.2	2.5	.3	.4	90.7	100	12.3

AMA AMARILLO, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 23047

NO. OBS.: 3841

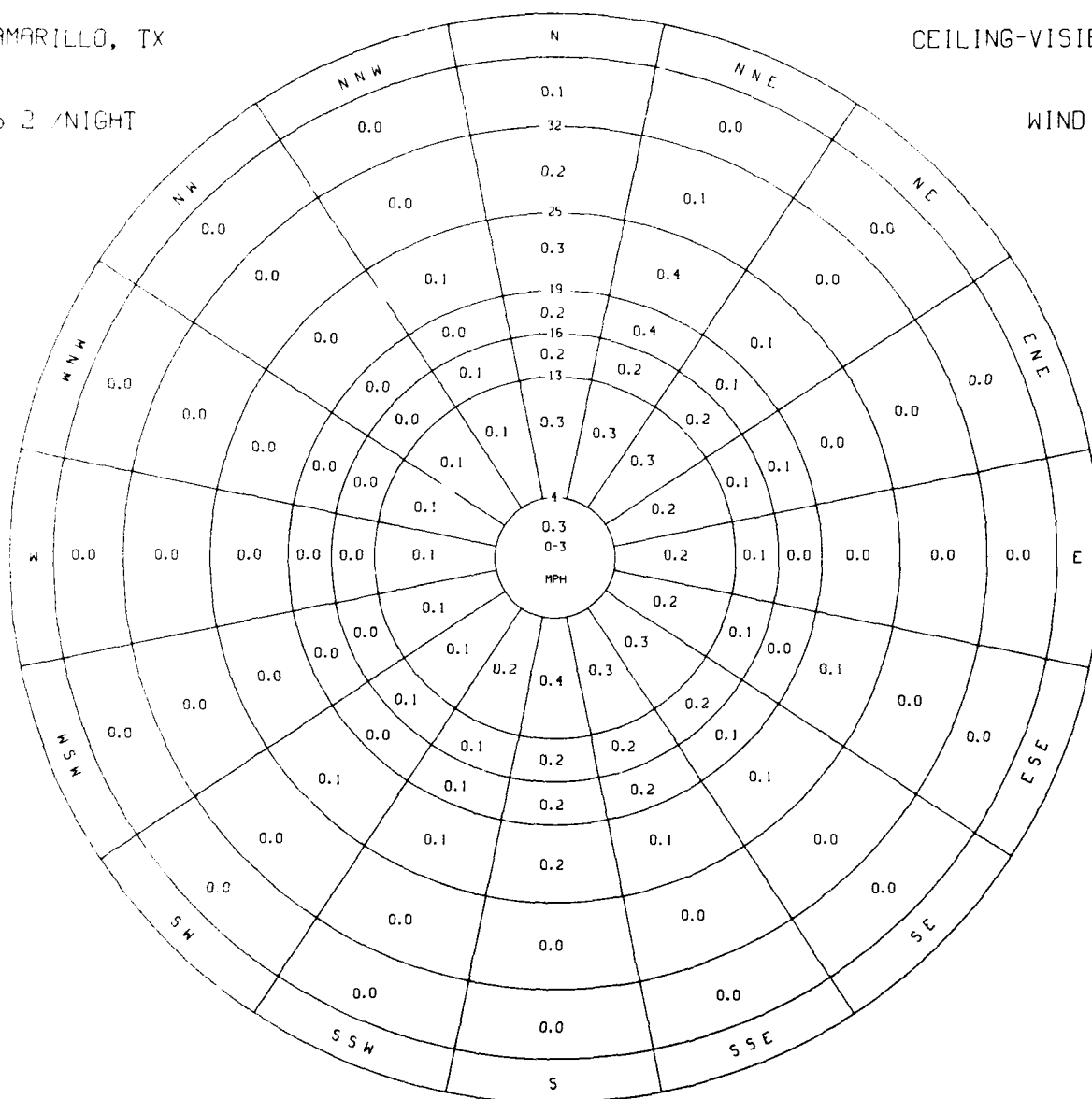
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.1	.3	3.4	.2	2.7	.3	3.3	.3	3.7	.2	2.1	.1	.9	1.3	16.3	18.2
NNE	.0	.2	.3	3.7	.2	2.9	.2	3.2	.3	3.2	.1	1.8	.0	.3	1.2	15.4	17.0
NE	.0	.1	.2	3.2	.1	1.6	.1	1.3	.1	1.0	.0	.3	.0	.1	.6	7.6	14.2
ENE	.0	.1	.2	2.2	.1	1.1	.0	.5	.0	.4	.0	.1	.0	.0	.3	4.4	12.3
E	.0	.2	.2	2.4	.1	.7	.0	.4	.0	.4	.0	.1	.0	.0	.3	4.2	12.1
ESE	.0	.2	.1	1.8	.1	.7	.0	.4	.0	.4	.0	.2	.0	.0	.3	3.7	12.7
SE	.0	.3	.3	3.3	.1	1.6	.1	1.5	.1	.7	.0	.2	.0	.0	.6	7.6	13.3
SSE	.0	.1	.2	2.7	.2	2.0	.1	1.5	.1	1.6	.0	.4	.0	.0	.7	8.4	15.1
S	.0	.1	.3	3.8	.2	2.2	.2	2.7	.2	2.4	.1	.7	.0	.1	1.0	12.0	15.3
SSW	.0	.1	.2	2.3	.1	1.1	.1	1.0	.1	1.0	.0	.3	.0	.1	.5	5.9	15.1
SW	.0	.1	.1	1.2	.0	.3	.0	.4	.0	.4	.0	.1	.0	.1	.2	2.7	13.9
WSW	.0	.1	.0	.6	.0	.2	.0	.2	.0	.2	.0	.1	.0	.4	.1	1.8	19.2
W	.0	.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.3	.0	.3	.1	1.4	20.6
WNW	.0	.0	.0	.6	.0	.1	.0	.1	.0	.1	.0	.1	.0	.2	.1	1.1	15.9
NW	.0	.1	.1	.9	.0	.3	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.6	12.5
NNW	.0	.2	.1	1.6	.1	.7	.1	.8	.1	.8	.0	.5	.0	.5	.4	5.1	17.5
CALM	.1	.9													.1	.9	
TOTAL	.2	2.3	2.7	34.3	1.5	18.5	1.4	17.3	1.3	16.5	.6	7.4	.2	3.1	7.9	100	15.4

AMA AMARILLO, TX

CLASS 2 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23047

NO. OBS.: 3649

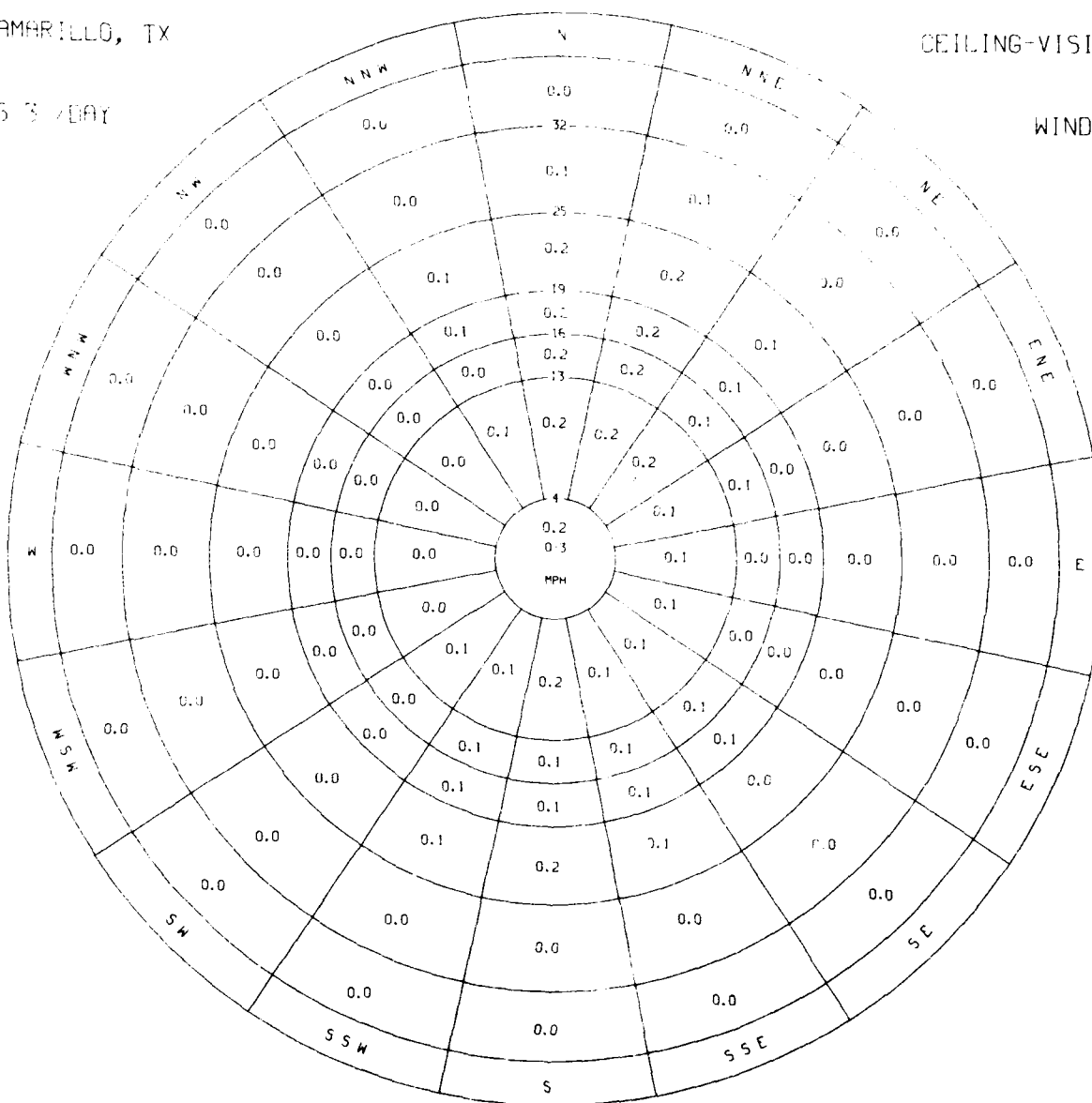
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.3	3.6	.2	2.4	.2	2.7	.3	3.6	.2	1.8	.1	.5	1.4	14.7	17.6
NNE	.0	.1	.3	3.3	.2	2.5	.4	3.8	.4	3.9	.1	1.3	.0	.3	1.4	15.3	17.2
NE	.0	.4	.3	2.8	.2	1.9	.1	1.1	.1	1.1	.0	.2	.0	.1	.7	7.5	13.4
ENE	.0	.1	.2	2.1	.1	.7	.1	.6	.0	.2	.0	.1	.0	.0	.4	3.8	12.0
E	.0	.2	.2	2.6	.1	.8	.0	.5	.0	.3	.0	.0	.0	.0	.4	4.3	11.3
ESE	.0	.1	.2	1.9	.1	1.0	.0	.4	.1	.5	.0	.1	.0	.0	.4	4.0	12.8
SE	.0	.1	.3	3.5	.2	2.1	.1	1.0	.1	1.1	.0	.2	.0	.0	.7	8.0	13.5
SSE	.0	.1	.3	3.3	.2	2.5	.2	1.9	.1	1.5	.0	.4	.0	.1	.9	9.8	14.8
S	.0	.3	.4	4.4	.2	2.5	.2	2.4	.2	2.0	.0	.4	.0	.0	1.1	11.9	14.3
SSW	.0	.1	.2	1.9	.1	1.4	.1	1.3	.1	1.2	.0	.2	.0	.0	.6	6.2	15.0
SW	.0	.1	.1	1.5	.1	.7	.0	.4	.1	.7	.0	.0	.0	.0	.3	3.4	13.5
WSW	.0	.1	.1	.7	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1	.1	1.2	11.5
W	.0	.1	.1	.7	.0	.1	.0	.0	.0	.1	.0	.1	.0	.1	.1	1.2	11.4
WNW	.0	.1	.1	.6	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.0	10.3
NW	.0	.1	.1	1.5	.0	.2	.0	.3	.0	.2	.0	.3	.0	.1	.2	2.7	13.3
NNW	.0	.2	.1	1.3	.1	.6	.0	.3	.1	.6	.0	.4	.0	.4	.4	3.8	17.7
CALM	.1	1.2													.1	1.2	
TOTAL	.3	3.4	3.3	35.8	1.8	19.6	1.6	16.8	1.6	17.3	.5	5.5	.1	1.6	9.3	100	14.7

AMA AMARILLO, TX

CLASS 3 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 23047

NO. OBS.: 2781

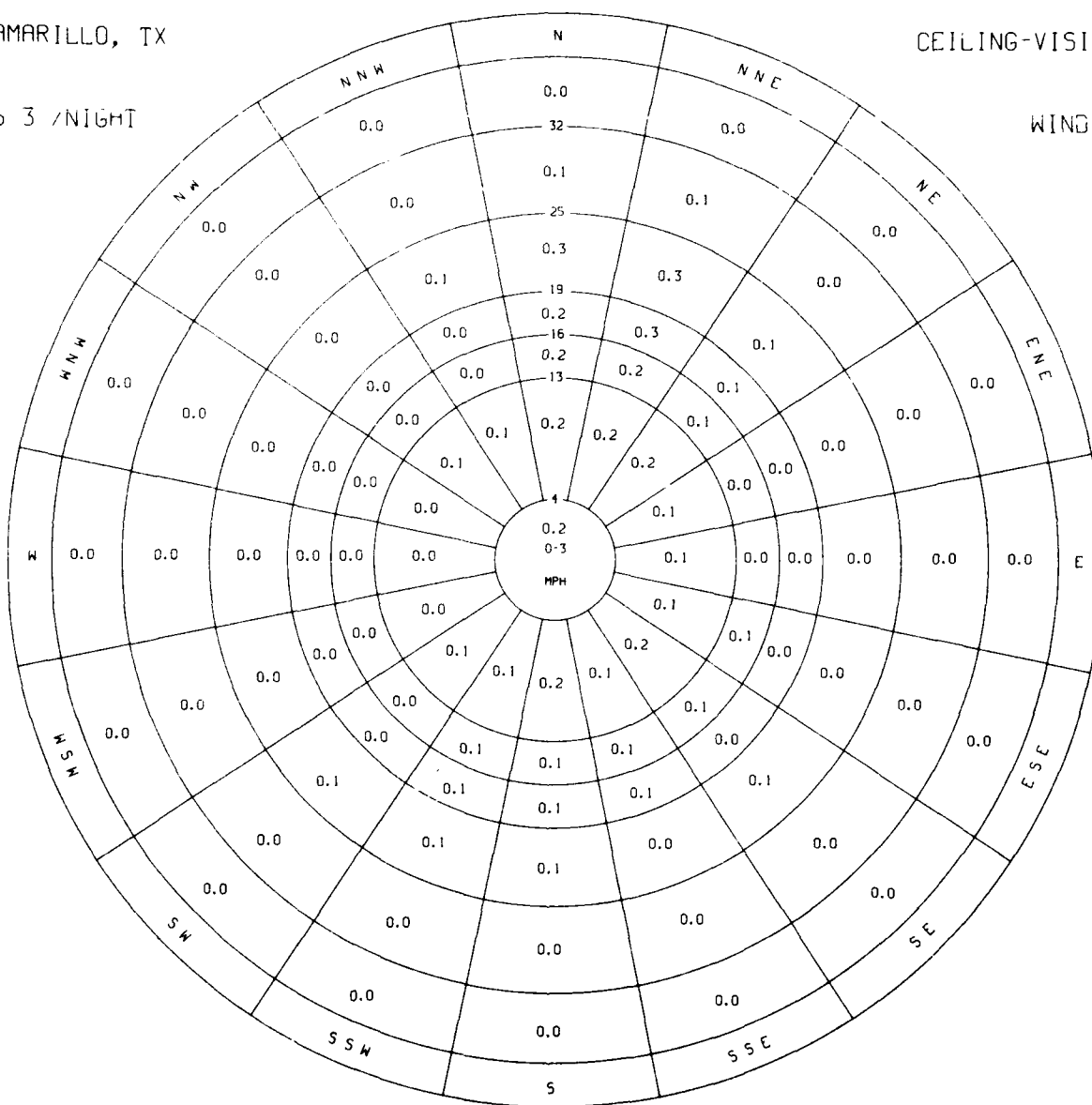
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.2	3.7	.2	2.7	.2	4.0	.2	4.3	.1	2.4	.0	.9	1.0	18.1	18.2
NNE	.0	.1	.2	3.7	.2	3.5	.2	3.4	.2	3.5	.1	1.9	.0	.3	.9	16.4	16.9
NE	.0	.1	.2	3.4	.1	1.7	.1	1.3	.1	1.2	.0	.3	.0	.1	.5	8.0	14.0
ENE	.0	.1	.1	2.3	.1	1.1	.0	.4	.0	.4	.0	.1	.0	.0	.3	4.4	12.1
E	.0	.2	.1	2.3	.0	.6	.0	.4	.0	.3	.0	.1	.0	.0	.2	3.9	11.8
ESE	.0	.1	.1	1.7	.0	.5	.0	.5	.0	.4	.0	.0	.0	.0	.2	3.3	12.4
SE	.0	.3	.1	2.5	.1	1.3	.1	1.3	.0	.6	.0	.2	.0	.0	.4	6.1	13.4
SSE	.0	.1	.1	2.2	.1	1.4	.1	1.2	.1	1.6	.0	.4	.0	.0	.4	7.0	15.6
S	.0	.1	.2	3.3	.1	2.0	.1	2.3	.2	2.7	.0	.8	.0	.1	.7	11.4	15.9
SSW	.0	.1	.1	2.2	.1	1.2	.1	1.2	.1	1.3	.0	.4	.0	.2	.4	6.6	15.8
SW	.0	.1	.1	1.2	.0	.4	.0	.3	.0	.5	.0	.1	.0	.1	.2	2.8	14.3
WSW	.0	.0	.0	.5	.0	.2	.0	.3	.0	.3	.0	.2	.0	.4	.1	1.9	20.6
W	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.4	.0	.4	.1	1.3	22.3
WNW	.0	.0	.0	.6	.0	.1	.0	.1	.0	.0	.0	.1	.0	.2	.1	1.2	17.6
NW	.0	.1	.0	.8	.0	.3	.0	.1	.0	.1	.0	.2	.0	.0	.1	1.5	13.1
NNW	.0	.2	.1	1.7	.0	.8	.1	.9	.1	1.0	.0	.5	.0	.2	.3	5.2	16.1
CALM	.0	.8													.0	.8	
TOTAL	.2	2.8	1.9	32.6	1.0	17.9	1.0	17.7	1.0	18.1	.5	8.1	.2	2.9	5.7	100	15.7

AMA AMARILLO, TX

CLASS 3 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 23047

NO. OBS.: 2234

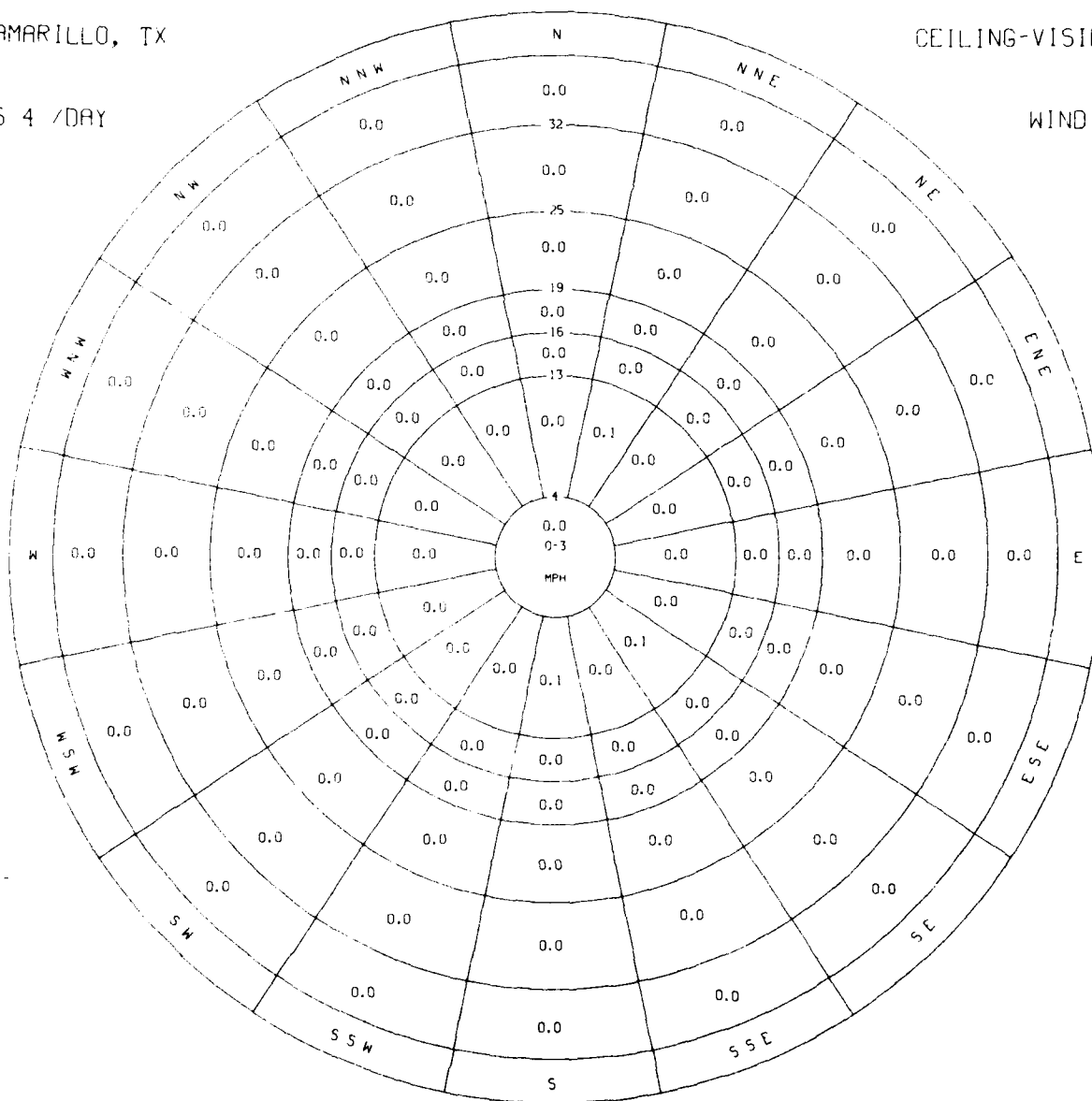
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.2	3.4	.2	2.9	.2	3.4	.3	4.9	.1	2.5	.0	.6	1.0	17.8	18.3
NNE	.0	.1	.2	3.3	.2	2.9	.3	4.5	.3	4.9	.1	1.9	.0	.4	1.0	17.9	17.7
NE	.0	.4	.2	2.7	.1	1.8	.1	1.1	.1	1.4	.0	.2	.0	.0	.4	7.6	13.9
ENE	.0	.1	.1	2.1	.0	.6	.0	.7	.0	.3	.0	.1	.0	.0	.2	3.9	12.1
E	.0	.2	.1	2.3	.0	.6	.0	.5	.0	.2	.0	.0	.0	.0	.2	3.8	11.0
ESE	.0	.1	.1	1.5	.1	.9	.0	.4	.0	.6	.0	.0	.0	.0	.2	3.5	13.1
SE	.0	.0	.2	3.2	.1	1.6	.0	.6	.1	1.2	.0	.1	.0	.0	.4	6.8	13.4
SSE	.0	.0	.1	1.9	.1	1.6	.1	1.3	.0	.8	.0	.4	.0	.0	.3	6.0	15.3
S	.0	.3	.2	3.1	.1	2.1	.1	2.2	.1	2.3	.0	.4	.0	.0	.6	10.5	15.1
SSW	.0	.1	.1	1.7	.1	1.7	.1	1.3	.1	1.6	.0	.4	.0	.0	.4	6.7	15.9
SW	.0	.0	.1	1.3	.0	.7	.0	.5	.1	1.1	.0	.0	.0	.0	.2	3.8	14.9
WSW	.0	.2	.0	.8	.0	.1	.0	.2	.0	.1	.0	.0	.0	.1	.1	1.4	11.9
W	.0	.2	.0	.7	.0	.1	.0	.0	.0	.1	.0	.1	.0	.1	.1	1.4	13.0
WNW	.0	.0	.0	.4	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.9	11.9
NW	.0	.2	.1	1.2	.0	.2	.0	.5	.0	.3	.0	.3	.0	.0	.2	2.7	13.5
NNW	.0	.1	.1	1.2	.0	.7	.0	.4	.1	.9	.0	.6	.0	.4	.2	4.4	18.2
CALM	.0	.8													.0	.8	
TOTAL	.2	3.1	1.7	30.7	1.1	18.9	1.0	17.7	1.2	20.8	.4	7.1	.1	1.7	5.7	100	15.5

AMA AMARILLO, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 23047

NO. OBS.: 603

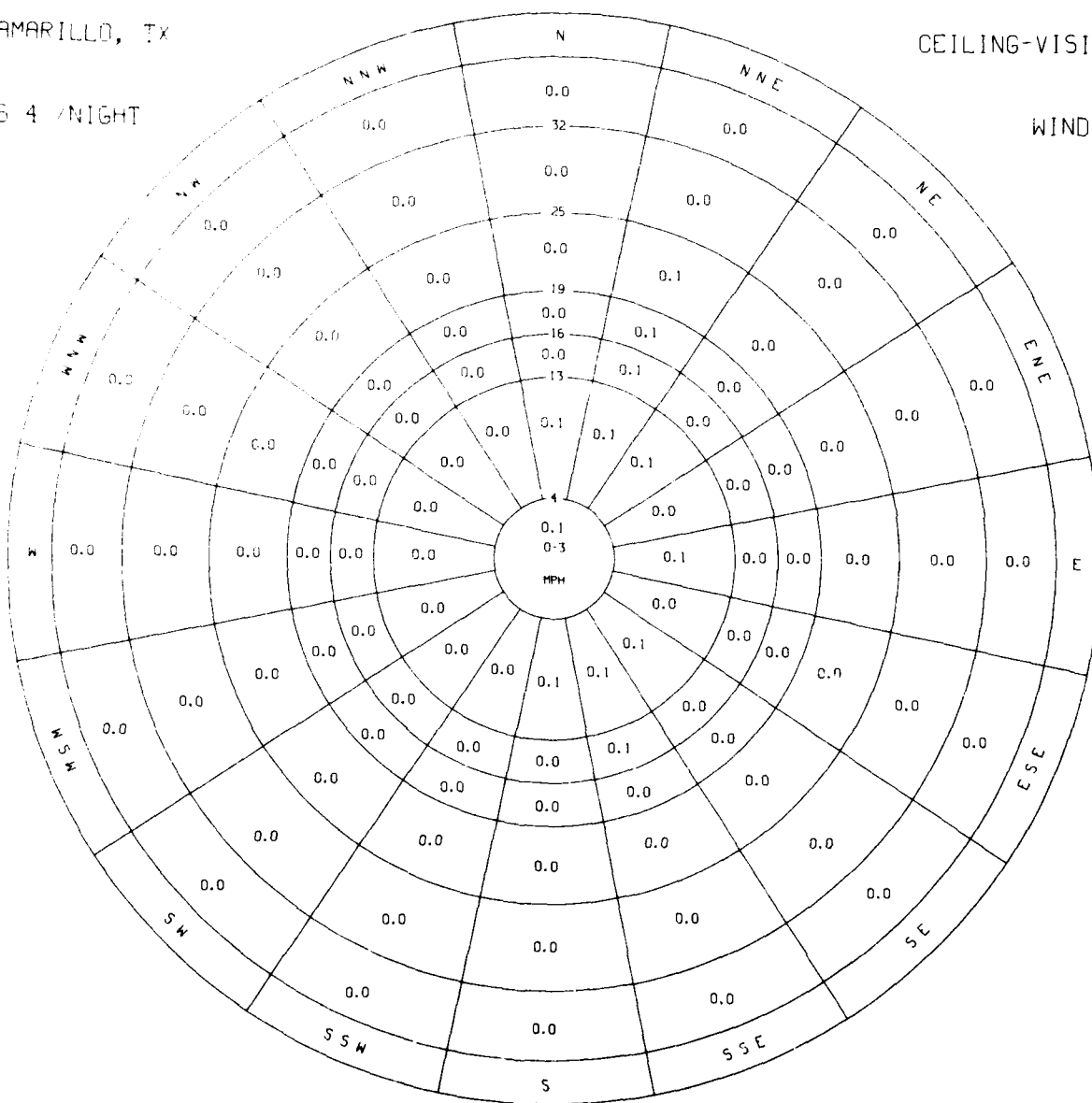
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	2.5	.0	3.2	.0	2.0	.0	3.0	.0	2.2	.0	1.2	.2	13.9	19.2
NNE	.0	.3	.1	4.5	.0	1.8	.0	3.5	.0	3.2	.0	1.5	.0	.2	.2	14.9	16.4
NE	.0	.2	.0	2.5	.0	1.8	.0	1.3	.0	.3	.0	.7	.0	.3	.1	7.1	15.0
ENE	.0	.3	.0	2.0	.0	1.2	.0	.5	.0	.3	.0	.0	.0	.0	.1	4.3	11.5
E	.0	.2	.0	3.3	.0	1.2	.0	.7	.0	.8	.0	.0	.0	.0	.1	6.1	12.4
ESE	.0	.2	.0	2.7	.0	1.2	.0	.5	.0	.5	.0	.3	.0	.0	.1	5.3	12.8
SE	.0	.3	.1	4.3	.0	1.3	.0	1.3	.0	1.2	.0	.2	.0	.0	.1	8.6	12.6
SSE	.0	.2	.0	3.5	.0	3.2	.0	1.7	.0	.8	.0	.5	.0	.0	.1	9.8	14.1
S	.0	.0	.1	4.5	.0	3.2	.0	3.0	.0	1.7	.0	.0	.0	.0	.2	12.3	13.7
SSW	.0	.0	.0	2.7	.0	1.3	.0	.3	.0	.3	.0	.0	.0	.0	.1	4.6	11.7
SW	.0	.0	.0	1.5	.0	.2	.0	.7	.0	.2	.0	.2	.0	.0	.0	2.7	13.1
WSW	.0	.2	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	2.0	16.8
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.0	1.3	22.5
WNW	.0	.0	.0	.2	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.5	15.0
NW	.0	.0	.0	1.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.2	.0	1.7	12.8
NNW	.0	.3	.0	1.5	.0	.5	.0	.5	.0	.2	.0	.3	.0	.7	.0	4.0	17.3
CALM	.0	.8													.0	.8	
TOTAL	.0	3.0	.5	38.1	.3	20.6	.2	16.3	.2	12.6	.1	6.1	.0	3.3	1.2	100	14.7

AMA AMARILLO, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 23047

NO. OBS.: 696

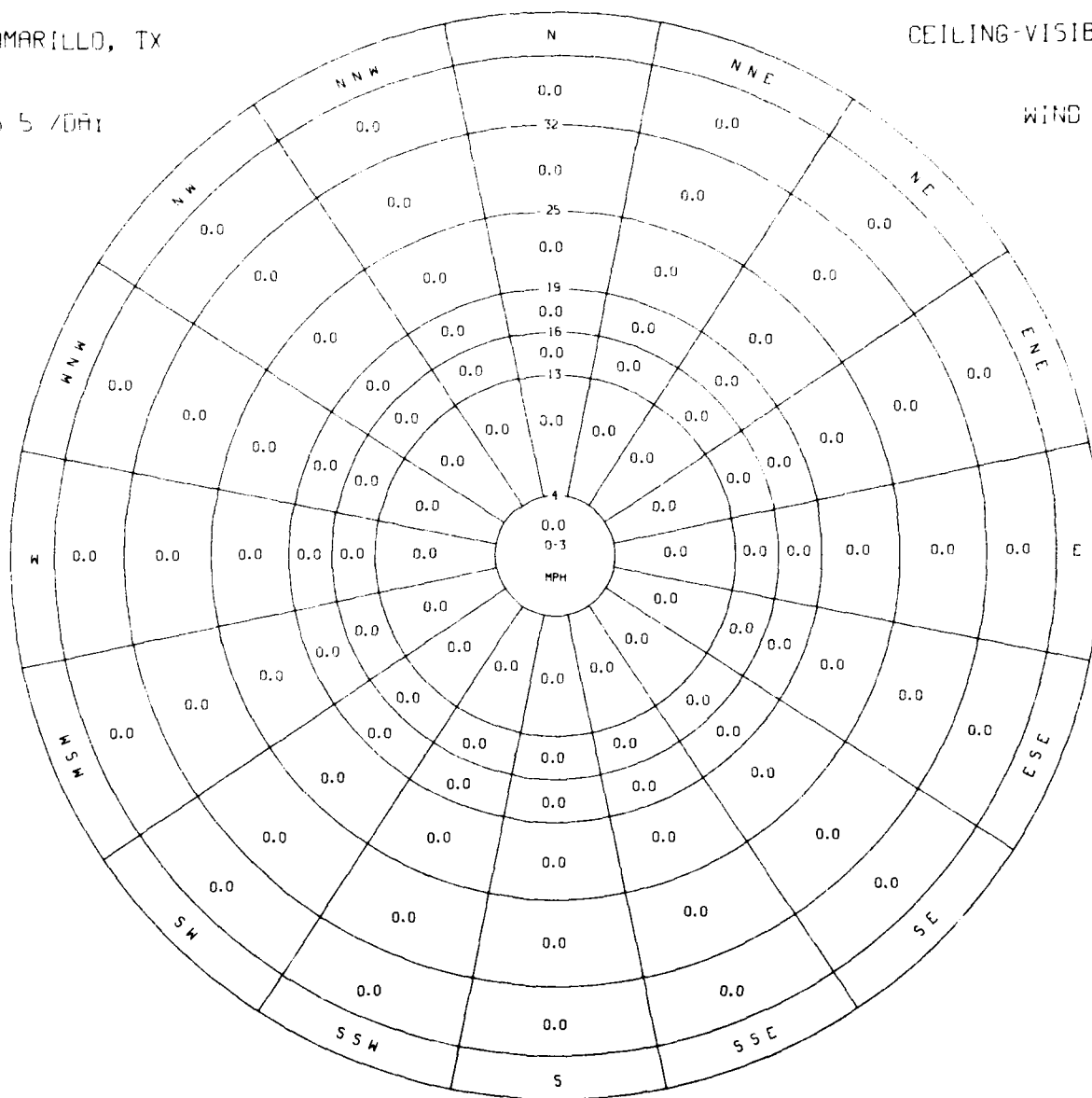
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.1	3.4	.0	1.7	.0	2.0	.0	2.3	.0	1.0	.0	.6	.2	11.2	16.9
NNE	.0	.0	.1	3.9	.1	2.9	.1	3.3	.1	3.6	.0	.7	.0	.0	.3	14.4	16.1
NE	.0	.3	.1	2.9	.0	2.6	.0	1.3	.0	.9	.0	.1	.0	.0	.1	8.0	13.1
ENE	.0	.0	.0	2.7	.0	.7	.0	.3	.0	.4	.0	.1	.0	.0	.1	4.3	12.0
E	.0	.0	.1	2.9	.0	1.4	.0	.7	.0	.6	.0	.0	.0	.0	.1	5.6	12.5
ESE	.0	.1	.0	2.6	.0	1.3	.0	.4	.0	.6	.0	.3	.0	.0	.1	5.3	12.8
SE	.0	.0	.1	3.9	.0	2.2	.0	1.1	.0	1.3	.0	.3	.0	.0	.2	8.8	14.0
SSE	.0	.1	.1	4.6	.1	2.9	.0	2.6	.0	2.2	.0	.6	.0	.0	.2	12.9	14.6
S	.0	.0	.1	5.2	.0	2.4	.0	2.4	.0	1.1	.0	.3	.0	.0	.2	11.5	13.6
SSW	.0	.1	.0	2.4	.0	.9	.0	1.6	.0	1.0	.0	.0	.0	.0	.1	6.0	13.9
SW	.0	.1	.0	.7	.0	.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	2.0	12.1
WSW	.0	.1	.0	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.1	10.6
W	.0	.0	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.4
WNW	.0	.0	.0	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	9.3
NW	.0	.0	.0	1.3	.0	.1	.0	.1	.0	.0	.0	.3	.0	.3	.0	2.2	16.3
NNW	.0	.0	.0	1.9	.0	.3	.0	.1	.0	.0	.0	.1	.0	.4	.1	2.9	15.0
CALM	.0	2.2													.0	2.2	
TOTAL	.1	3.3	.7	40.4	.4	20.4	.3	16.7	.2	14.1	.1	3.9	.0	1.3	1.8	100	14.0

AMA AMARILLO, TX

CLASS 5 /DAI

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HAWAIIAN ISLANDS, HI

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 7447

NO. OBS.: 245

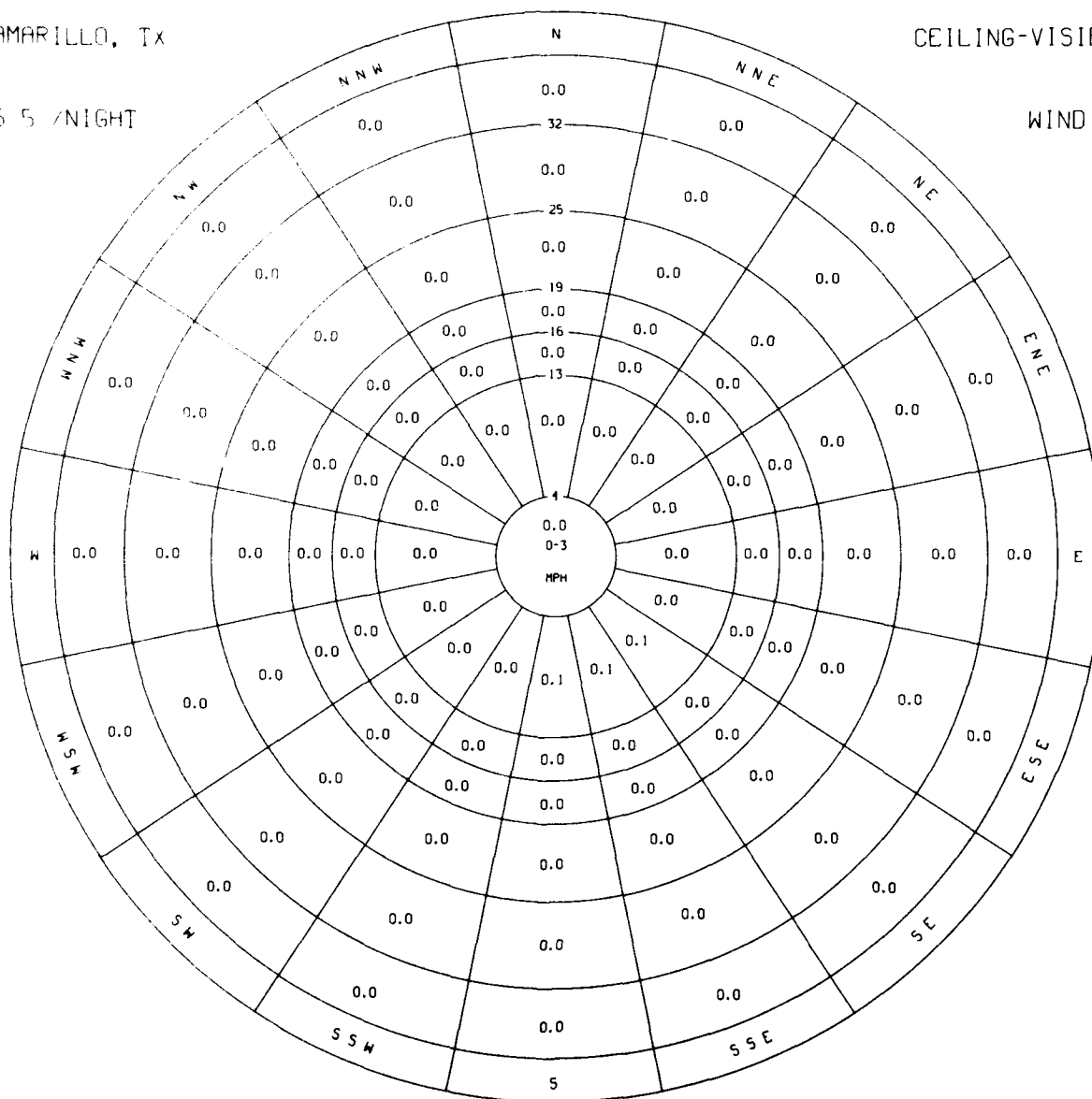
DIRECTION	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	1.6	.0	2.4	.0	1.2	.0	1.2	.0	.4	.0	.4	.0	7.3	16.6
NNE	.0	.0	.0	4.5	.0	1.2	.0	1.6	.0	2.9	.0	2.9	.0	.4	.1	13.5	17.8
NE	.0	.0	.0	4.1	.0	.8	.0	1.6	.0	1.2	.0	.4	.0	.0	.0	8.2	13.9
ENE	.0	.0	.0	1.6	.0	1.2	.0	.4	.0	.8	.0	.4	.0	.0	.0	4.5	14.5
E	.0	.0	.0	2.0	.0	.4	.0	.0	.0	1.2	.0	.0	.0	.0	.0	3.7	13.9
ESE	.0	.4	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.8	.0	.0	.0	3.7	13.0
SE	.0	.0	.0	7.3	.0	4.1	.0	3.3	.0	1.6	.0	.4	.0	.0	.1	16.7	13.6
SSE	.0	.0	.0	6.1	.0	3.7	.0	1.6	.0	2.0	.0	.0	.0	.0	.1	13.5	13.6
S	.0	.0	.0	5.7	.0	2.4	.0	3.7	.0	1.6	.0	.8	.0	.0	.1	14.3	14.7
SSW	.0	.0	.0	2.0	.0	.4	.0	.8	.0	.4	.0	.0	.0	.0	.0	3.7	13.1
SW	.0	.0	.0	.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	1.2	10.3
WSW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0
W	.0	.0	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	1.2	19.0
WNW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.3
NW	.0	.0	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	1.6	15.5
NNW	.0	.8	.0	.8	.0	.0	.0	.4	.0	.0	.0	.4	.0	1.6	.0	4.1	24.9
CALM	.0	1.2														1.2	
TOTAL	.0	2.9	.2	40.8	.1	18.4	.1	15.1	.1	13.1	.0	6.5	.0	3.3	.5	100	14.8

AMA AMARILLO, TX

CLASS 5 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 23047

NO. OBS.: 391

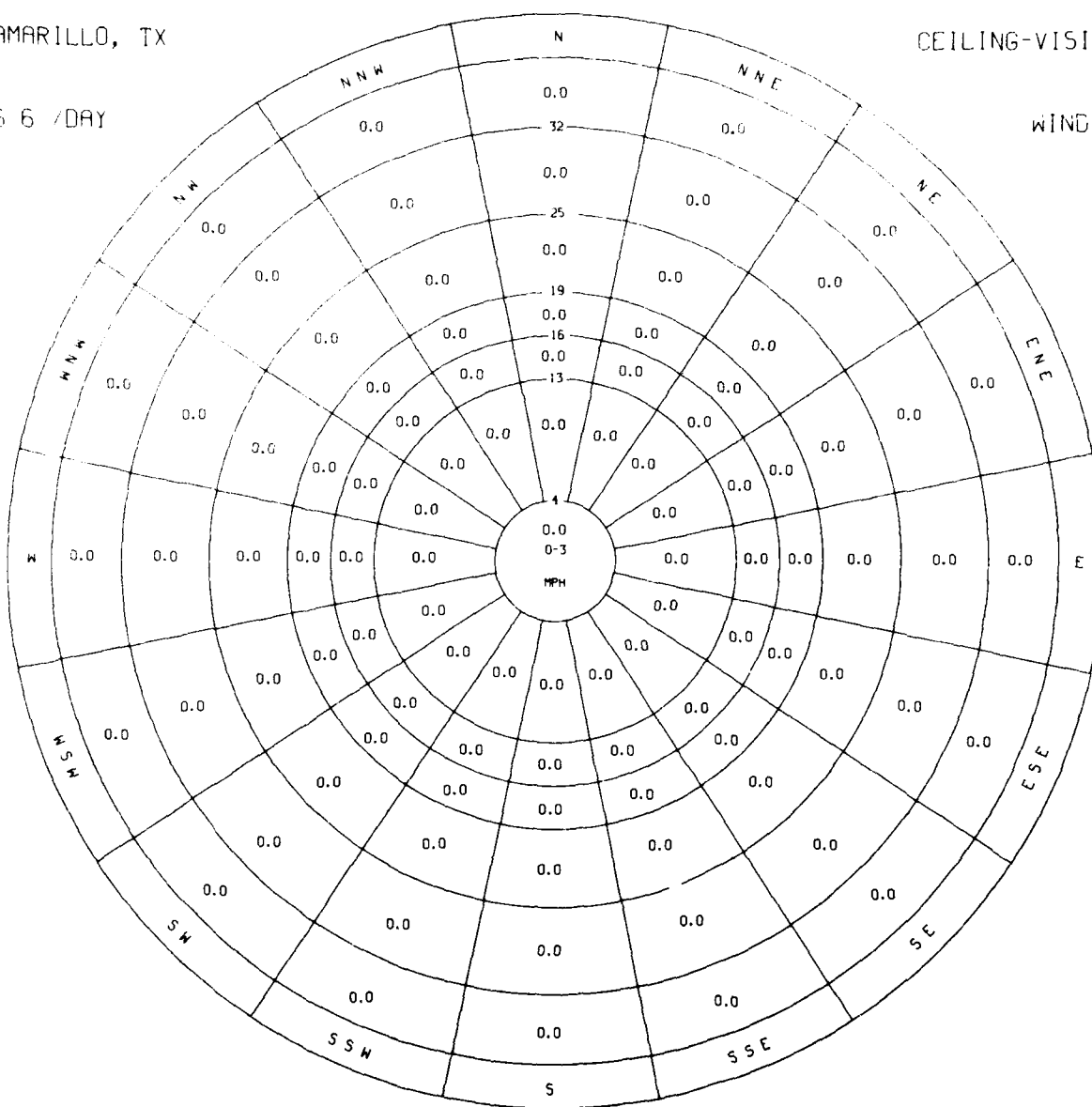
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	4.1	.0	2.0	.0	1.0	.0	1.0	.0	.3	.0	.3	.1	8.7	14.0
NNE	.0	.3	.0	3.6	.0	1.0	.0	2.0	.0	1.5	.0	.5	.0	.5	.1	9.5	15.4
NE	.0	.0	.0	3.1	.0	2.6	.0	1.0	.0	.3	.0	.5	.0	.3	.1	7.7	13.8
ENE	.0	.0	.0	1.8	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.1	12.1
E	.0	.3	.0	3.1	.0	.8	.0	.3	.0	.3	.0	.0	.0	.0	.0	4.6	10.5
ESE	.0	.0	.0	3.8	.0	1.0	.0	.5	.0	.0	.0	.5	.0	.0	.1	5.9	11.4
SE	.0	.5	.1	5.1	.0	3.3	.0	2.3	.0	.8	.0	.5	.0	.0	.1	12.5	13.1
SSE	.0	.0	.1	6.1	.0	3.8	.0	3.1	.0	1.5	.0	.3	.0	.3	.2	15.1	13.7
S	.0	.3	.1	8.7	.0	3.1	.0	1.5	.0	1.8	.0	.3	.0	.0	.2	15.6	12.6
SSW	.0	.0	.0	1.3	.0	1.0	.0	.5	.0	.5	.0	.3	.0	.0	.0	3.6	14.3
SW	.0	.0	.0	2.3	.0	.5	.0	.3	.0	.5	.0	.0	.0	.0	.0	3.6	11.1
WSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.0
W	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.4
WNW	.0	.0	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	10.0
NW	.0	.3	.0	2.6	.0	.5	.0	.0	.0	.0	.0	.3	.0	.0	.0	3.6	10.7
NNW	.0	.3	.0	.5	.0	.5	.0	.0	.0	.5	.0	.0	.0	.5	.0	2.3	18.6
CALM	.0	1.3													.0	1.3	
TOTAL	.0	3.1	.5	48.6	.2	21.5	.1	13.0	.1	8.7	.0	2.3	.0	1.8	1.0	100	12.9

AMA AMARILLO, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1978

CLASS 6 / DAY

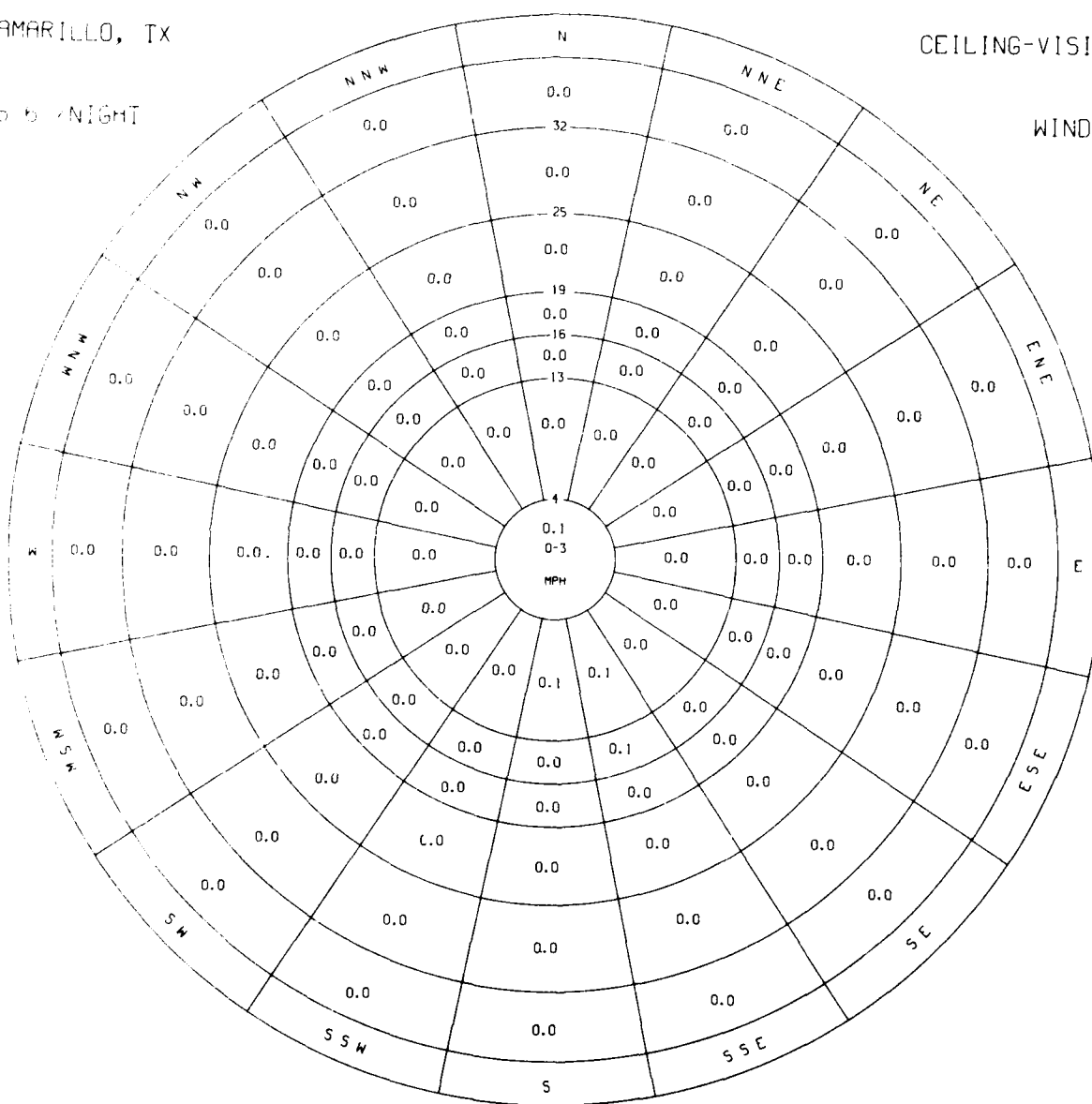
STATION NUMBER: 23047

NO. OBS.: 212

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	4.2	.0	2.4	.0	.9	.0	1.9	.0	.0	.0	.9	.0	10.4	15.5
NNE	.0	.0	.0	1.4	.0	.9	.0	.9	.0	.0	.0	.9	.0	.9	.0	5.2	20.6
NE	.0	.0	.0	.9	.0	.5	.0	.9	.0	.9	.0	.0	.0	.0	.0	3.3	15.3
ENE	.0	.0	.0	1.4	.0	.9	.0	1.4	.0	.5	.0	.0	.0	.0	.0	4.2	13.9
E	.0	.0	.0	1.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	11.2
ESE	.0	.5	.0	1.4	.0	1.4	.0	.0	.0	.9	.0	.9	.0	.0	.0	5.2	14.7
SE	.0	.0	.0	6.1	.0	3.8	.0	2.4	.0	.5	.0	.0	.0	.0	.1	12.7	12.9
SSE	.0	.5	.0	3.3	.0	3.8	.0	4.7	.0	3.8	.0	.5	.0	.0	.1	16.5	15.6
S	.0	.5	.0	5.2	.0	2.4	.0	6.1	.0	1.9	.0	.0	.0	.0	.1	16.0	14.3
SSW	.0	.0	.0	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	10.5
SW	.0	.5	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.5	.0	.0	.0	2.8	12.5
WSW	.0	.0	.0	.9	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.9	10.7
W	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.0
WNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	9.7
NW	.0	.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.3
NNW	.0	.0	.0	2.4	.0	1.9	.0	.0	.0	.5	.0	.5	.0	2.8	.0	8.0	24.6
CALM	.0	1.4													.0	1.4	
TOTAL	.0	4.2	.2	38.7	.1	20.3	.1	17.9	.0	10.8	.0	3.3	.0	4.7	.4	100	14.6

CLASS 6 / NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AMA AMARILLO, TX

PERIOD: 1949-1976

CLASS 6 / NIGHT

STATION NUMBER: 23047

NO. OBS.: 328

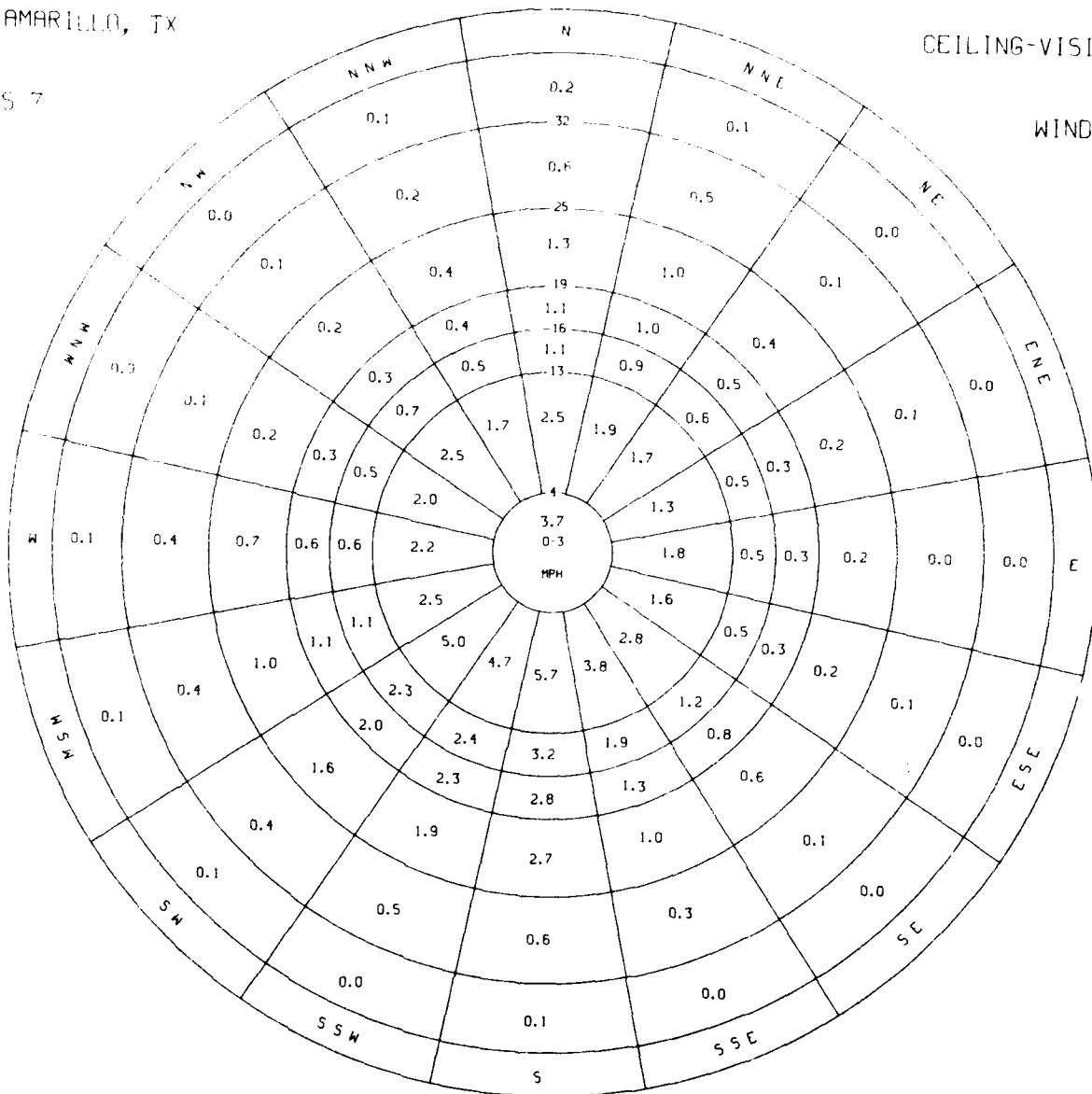
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	4.6	.0	1.5	.0	.9	.0	.6	.0	.3	.0	.3	.1	8.2	13.1
NNE	.0	.3	.0	2.4	.0	.3	.0	2.1	.0	.9	.0	.0	.0	.0	.1	6.1	13.4
NE	.0	.9	.0	3.4	.0	.6	.0	.9	.0	.0	.0	.0	.0	.3	.1	6.1	10.3
ENE	.0	.0	.0	1.2	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	2.4	11.3
E	.0	.3	.0	3.4	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	4.6	10.3
ESE	.0	.0	.0	.9	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	2.1	14.9
SE	.0	.3	.0	3.0	.0	3.4	.0	1.2	.0	.6	.0	.3	.0	.0	.1	8.8	13.5
SSE	.0	.0	.1	6.7	.1	6.7	.0	3.7	.0	5.2	.0	.3	.0	.0	.2	22.6	14.8
S	.0	.9	.1	6.4	.0	4.0	.0	4.9	.0	2.1	.0	.0	.0	.0	.2	18.3	13.5
SSW	.0	.0	.0	3.4	.0	1.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	5.8	11.2
SW	.0	.3	.0	3.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.3
WSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	11.0
W	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.3
WNW	.0	.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.3
NW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	10.3
NNW	.0	.6	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.9	.0	3.4	17.8
CALM	.0	1.8													.0	1.8	
TOTAL	.1	6.1	.4	45.4	.2	20.1	.1	15.5	.1	10.4	.0	.9	.0	1.5	.8	100	12.6

AMA AMARILLO, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

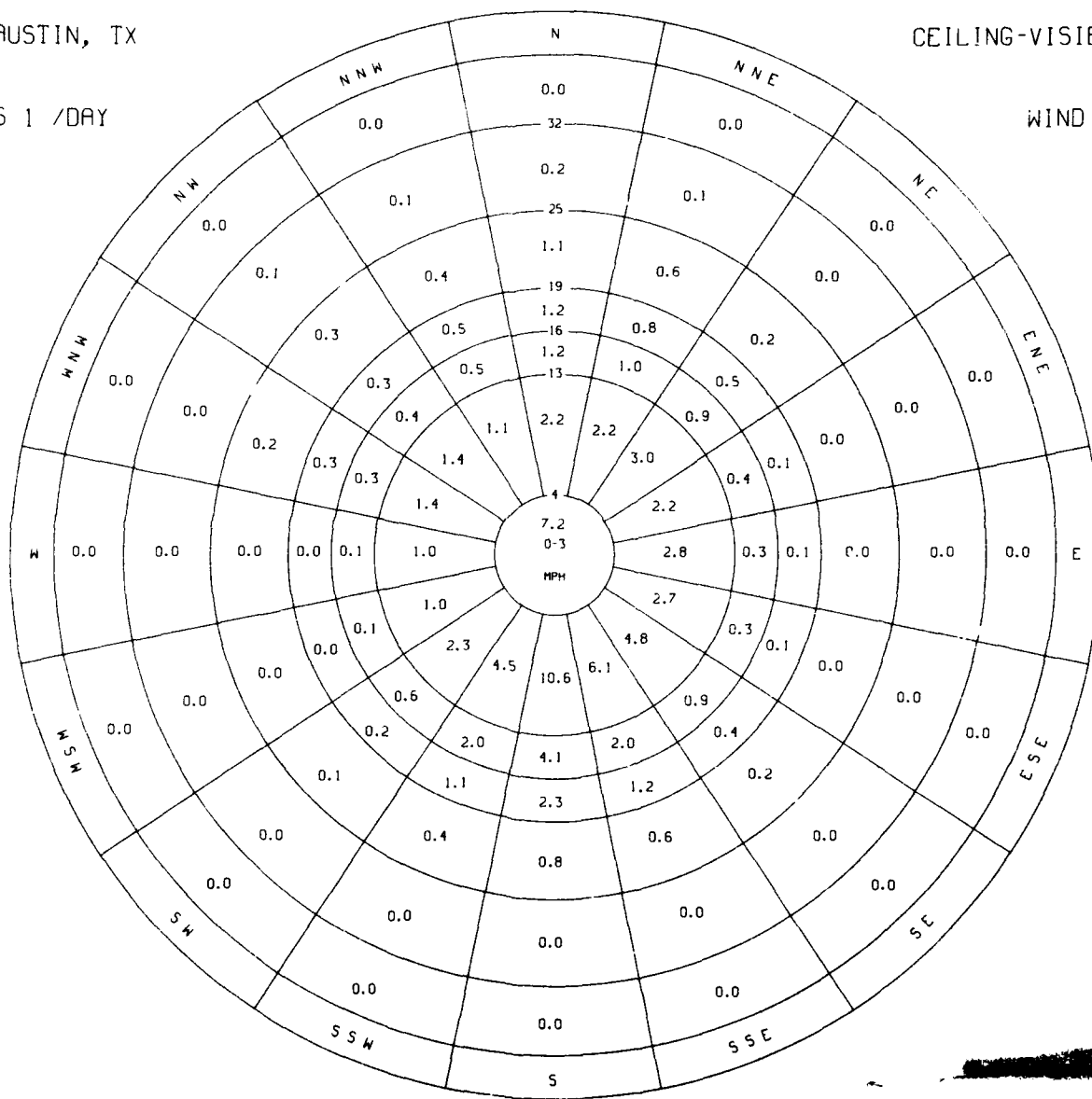


AUS AUSTIN, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUS AUSTIN, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 13958

NO. OBS.: 41594

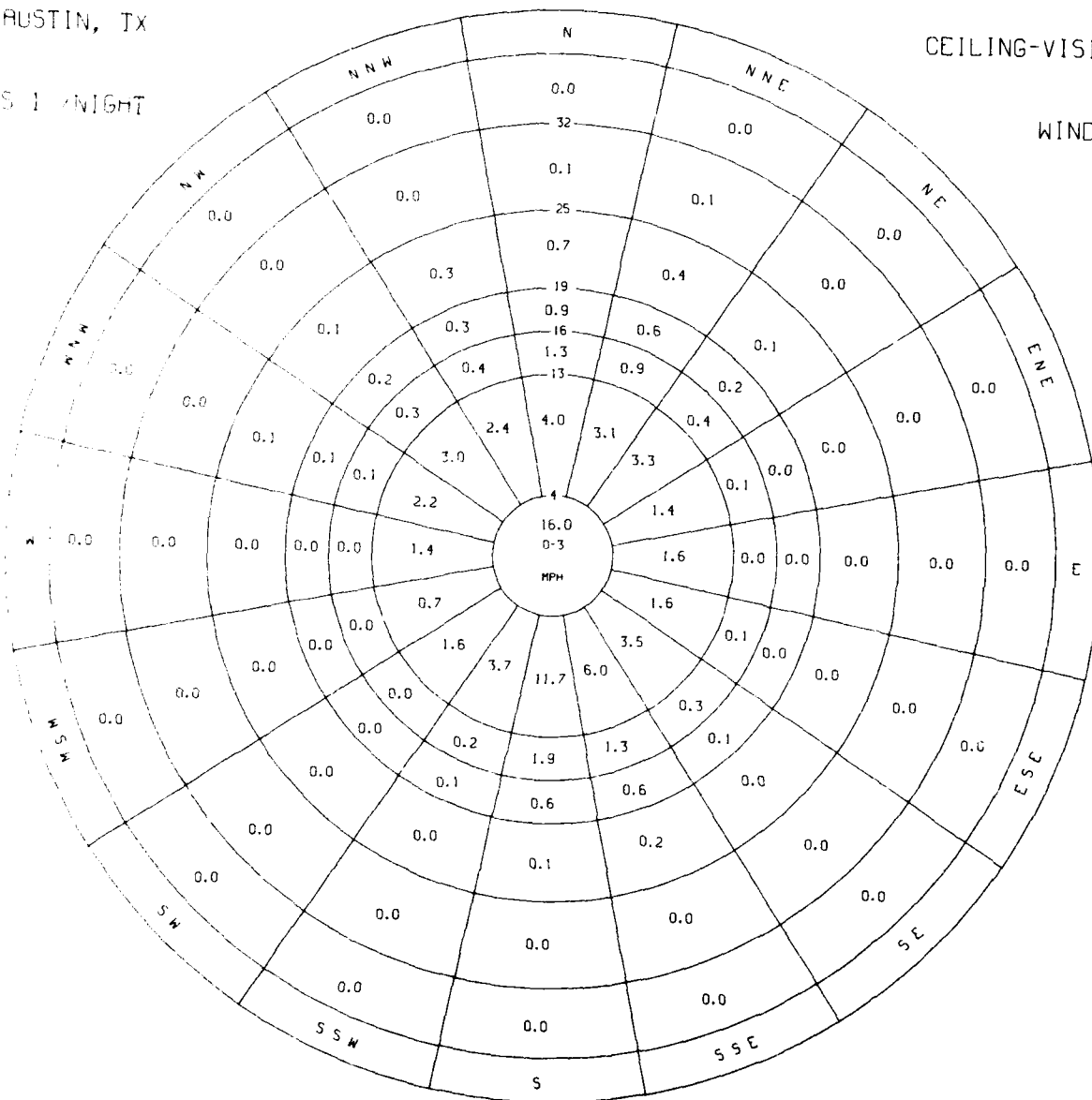
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.3	2.2	2.5	1.2	1.4	1.2	1.4	1.1	1.2	.2	.2	.0	.0	6.0	7.0	14.1
NNE	.2	.2	2.2	2.6	1.0	1.2	.8	1.0	.6	.7	.1	.1	.0	.0	5.0	5.8	12.9
NE	.2	.3	3.0	3.5	.9	1.0	.5	.6	.2	.2	.0	.0	.0	.0	4.8	5.6	10.7
ENE	.2	.2	2.2	2.5	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	2.9	3.4	9.3
E	.4	.4	2.8	3.2	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.5	4.1	8.1
ESE	.3	.4	2.7	3.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.5	4.0	8.5
SE	.5	.6	4.8	5.6	.9	1.1	.4	.4	.2	.2	.0	.0	.0	.0	6.8	7.9	9.4
SSE	.4	.5	6.1	7.1	2.0	2.3	1.2	1.4	.6	.7	.0	.0	.0	.0	10.3	12.0	11.1
S	.8	1.0	10.6	12.3	4.1	4.7	2.3	2.7	.8	.9	.0	.0	.0	.0	18.6	21.6	11.1
SSW	.3	.4	4.5	5.3	2.0	2.3	1.1	1.3	.4	.4	.0	.0	.0	.0	8.3	9.6	11.4
SW	.4	.5	2.3	2.7	.6	.7	.2	.3	.1	.1	.0	.0	.0	.0	3.7	4.3	9.4
WSW	.2	.2	1.0	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	7.6
W	.3	.3	1.0	1.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.5	1.8	7.7
WNW	.2	.2	1.4	1.6	.3	.3	.3	.3	.2	.2	.0	.0	.0	.0	2.3	2.6	10.5
NW	.2	.2	1.4	1.6	.4	.4	.3	.4	.3	.3	.1	.1	.0	.0	2.6	3.0	11.5
NNW	.1	.1	1.1	1.3	.5	.6	.5	.6	.4	.5	.1	.1	.0	.0	2.8	3.2	13.4
CALM	2.1	2.5													2.1	2.5	
TOTAL	7.2	8.4	49.2	57.3	15.0	17.5	9.2	10.6	4.8	5.6	.5	.6	.0	.0	86.0	100	10.6

AUS AUSTIN, TX

CLASS 1 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUS AUSTIN, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 13958

NO. OBS.: 31586

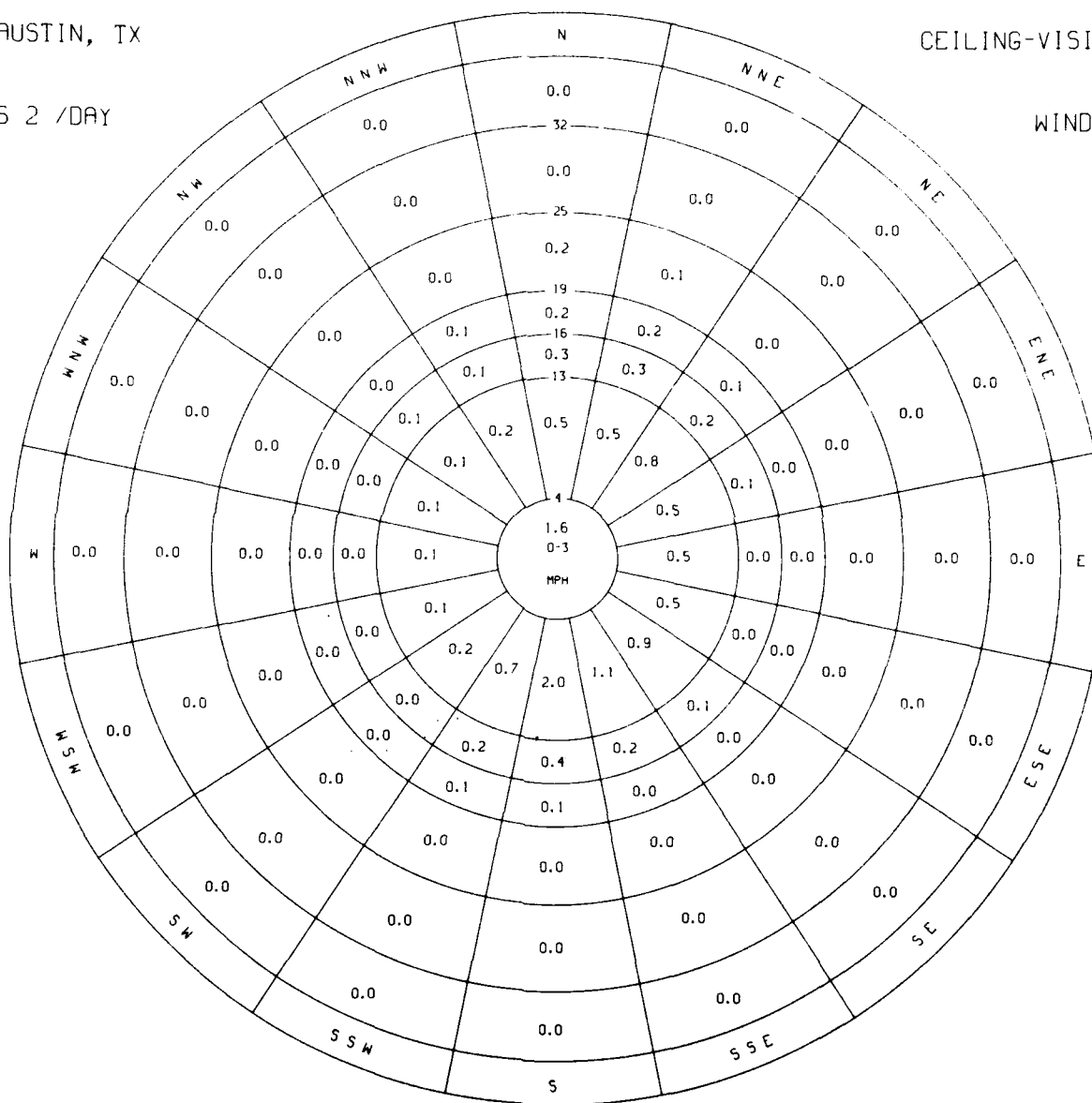
D i R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.4	.5	4.0	5.0	1.3	1.6	.9	1.1	.7	.8	.1	.1	.0	.0	7.4	9.2	11.7
NNE	.3	.4	3.1	3.8	.9	1.1	.6	.7	.4	.5	.1	.1	.0	.0	5.3	6.6	11.0
NE	.5	.6	3.3	4.1	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	4.4	5.5	8.3
ENE	.3	.4	1.4	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.2	6.7
E	.6	.7	1.6	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.8	6.1
ESE	.5	.6	1.6	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.8	6.4
SE	.9	1.1	3.5	4.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.8	6.0	7.1
SSE	.8	1.0	6.0	7.4	1.3	1.6	.6	.7	.2	.2	.0	.0	.0	.0	8.9	11.0	9.1
S	1.7	2.1	11.7	14.6	1.9	2.3	.6	.8	.1	.1	.0	.0	.0	.0	16.0	19.9	8.4
SSW	.8	1.0	3.7	4.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.8	6.0	6.9
SW	.8	1.0	1.6	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.1	5.5
WSW	.4	.5	.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.4	5.0
W	.7	.8	1.4	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.6	5.5
WNW	.5	.6	2.2	2.7	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.0	3.7	7.6
NW	.5	.7	3.0	3.7	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	4.1	5.1	8.3
NNW	.3	.3	2.4	3.0	.4	.6	.3	.4	.3	.3	.0	.0	.0	.0	3.7	4.6	10.4
CALM	6.1	7.6													6.1	7.6	
TOTAL	16.0	19.9	51.2	63.6	7.3	9.1	3.6	4.5	2.0	2.5	.3	.3	.0	.0	80.4	100	7.8

AUS AUSTIN, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUS AUSTIN, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 13958

NO. OBS.: 6782

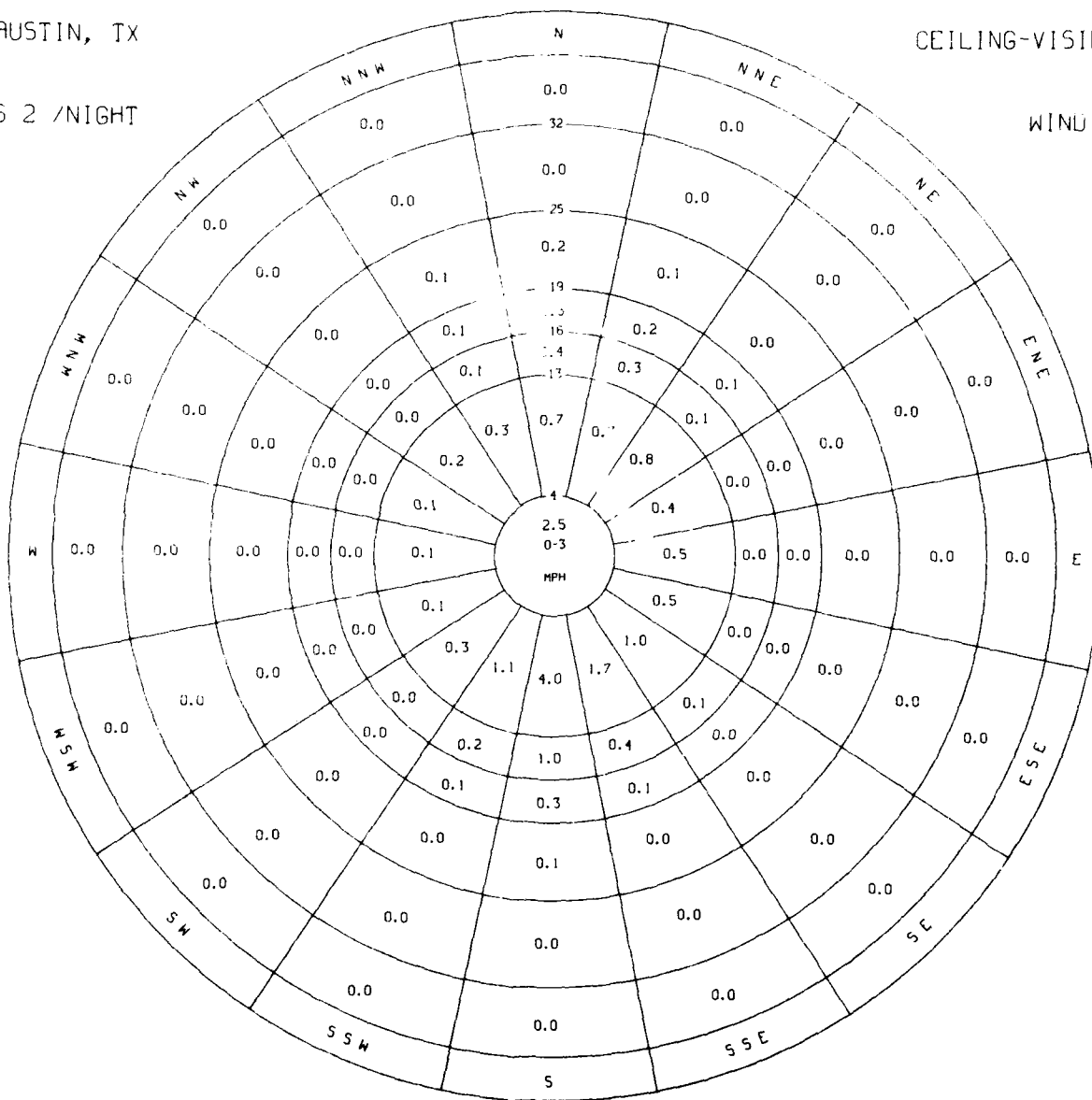
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.4	.5	3.9	.3	2.4	.2	1.8	.2	1.1	.0	.1	.0	.0	1.4	9.7	13.3
NNE	.0	.3	.5	3.8	.3	1.9	.2	1.3	.1	.6	.0	.0	.0	.0	1.1	8.0	12.4
NE	.1	.5	.8	5.7	.2	1.4	.1	.6	.0	.2	.0	.0	.0	.0	1.2	8.5	10.2
ENE	.0	.4	.5	3.4	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.6	4.4	8.7
E	.1	.6	.5	3.5	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.6	7.6
ESE	.1	.6	.5	3.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.7	7.8
SE	.2	1.3	.9	6.4	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	1.2	8.6	7.6
SSE	.1	.9	1.1	7.9	.2	1.2	.0	.3	.0	.1	.0	.0	.0	.0	1.5	10.5	8.5
S	.2	1.3	2.0	14.3	.4	3.0	.1	1.0	.0	.3	.0	.0	.0	.0	2.8	19.9	9.3
SSW	.1	.4	.7	5.1	.2	1.3	.1	.5	.0	.1	.0	.0	.0	.0	1.0	7.4	10.0
SW	.0	.3	.2	1.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.3	8.3
WSW	.0	.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	6.8
W	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	6.8
WNW	.0	.1	.1	.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.0	9.8
NW	.0	.1	.1	1.0	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3	1.9	11.2
NNW	.0	.1	.2	1.6	.1	.8	.1	.5	.0	.3	.0	.1	.0	.0	.5	3.4	12.6
CALM	.5	3.4													.5	3.4	
TOTAL	1.6	11.1	8.9	63.7	2.0	14.5	1.0	7.0	.4	3.2	.1	.4	.0	.1	14.0	100	9.4

AUS AUSTIN, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUSTIN, TX

PERIOD: 1949-1976

CLASS 2 / NIGHT

STATION NUMBER: 13958

NO. OBS.: 7676

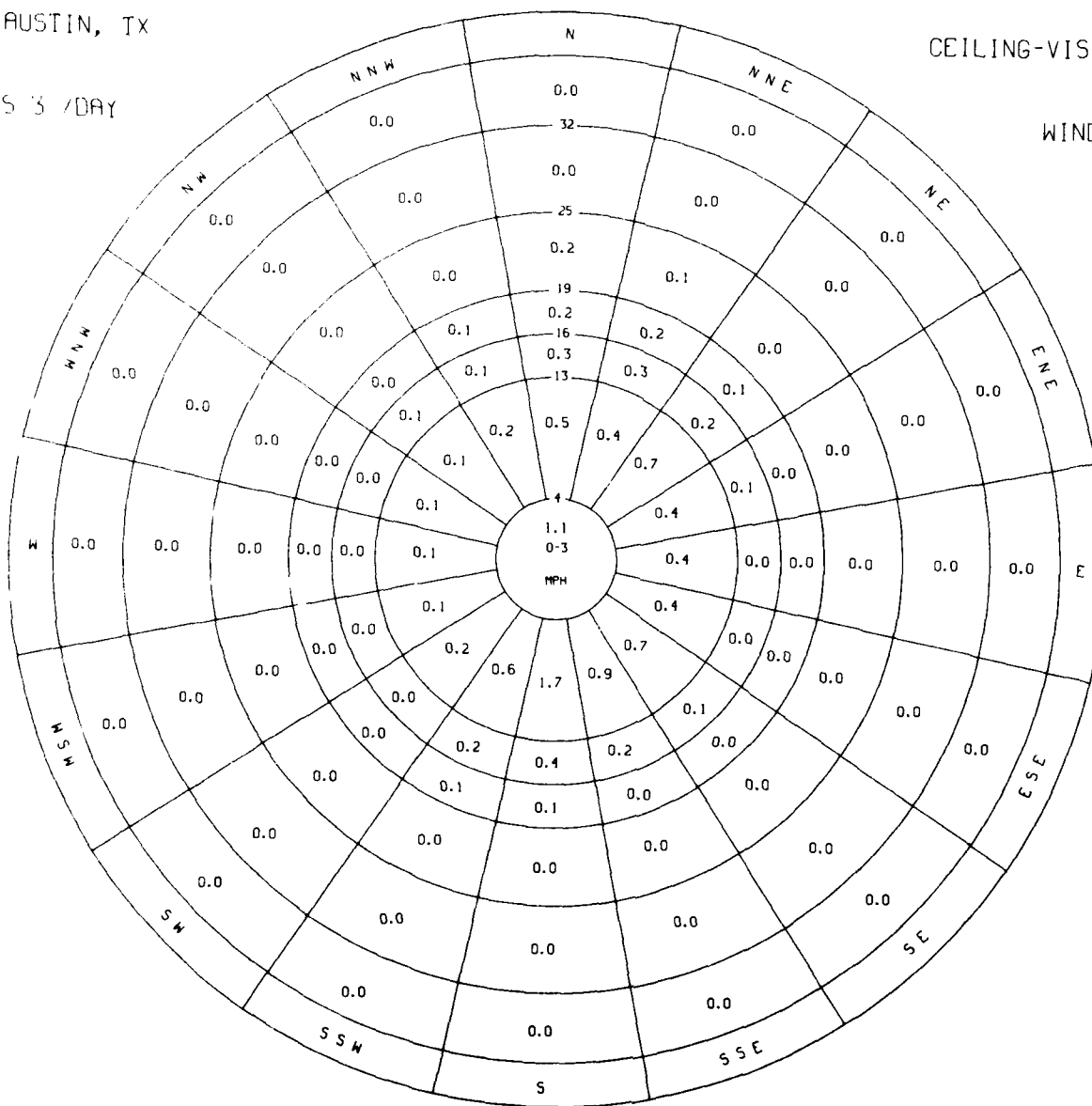
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.4	.7	3.8	.4	1.8	.3	1.3	.2	.9	.0	.2	.0	.0	1.7	8.4	12.9
NNE	.1	.4	.7	3.7	.3	1.4	.2	.9	.1	.3	.0	.1	.0	.0	1.3	6.8	11.4
NE	.1	.5	.8	4.1	.1	.6	.1	.3	.0	.1	.0	.0	.0	.0	1.1	5.5	6.9
ENE	.1	.3	.4	1.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5	2.3	7.6
E	.1	.7	.5	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.2	6.8
ESE	.1	.7	.5	2.7	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.7	3.7	7.2
SE	.2	.0	1.0	5.1	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	1.4	6.9	7.6
SSE	.2	.8	1.7	8.6	.4	1.9	.1	.8	.0	.2	.0	.0	.0	.0	2.4	12.2	9.6
S	.4	1.8	4.0	20.7	1.0	5.3	.3	1.6	.1	.3	.0	.0	.0	.0	5.8	29.7	9.6
SSW	.1	.4	1.1	5.5	.2	1.2	.1	.5	.0	.1	.0	.0	.0	.0	1.5	7.7	9.7
SW	.1	.6	.3	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	2.3	6.9
WSW	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	5.9
W	.0	.2	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	6.3
WNW	.0	.1	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.0	8.4
NW	.0	.2	.2	.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	1.7	9.5
NNW	.0	.2	.3	1.5	.1	.4	.1	.5	.1	.3	.0	.0	.0	.0	.6	2.9	11.9
CALM	.8	4.2													.8	4.2	
TOTAL	2.5	12.7	12.5	64.0	2.7	14.0	1.2	6.3	.5	2.5	.1	.4	.0	.1	19.6	100	9.1

AUS AUSTIN, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABE AUSTIN, TX

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 13958

NO. OBS.: 5685

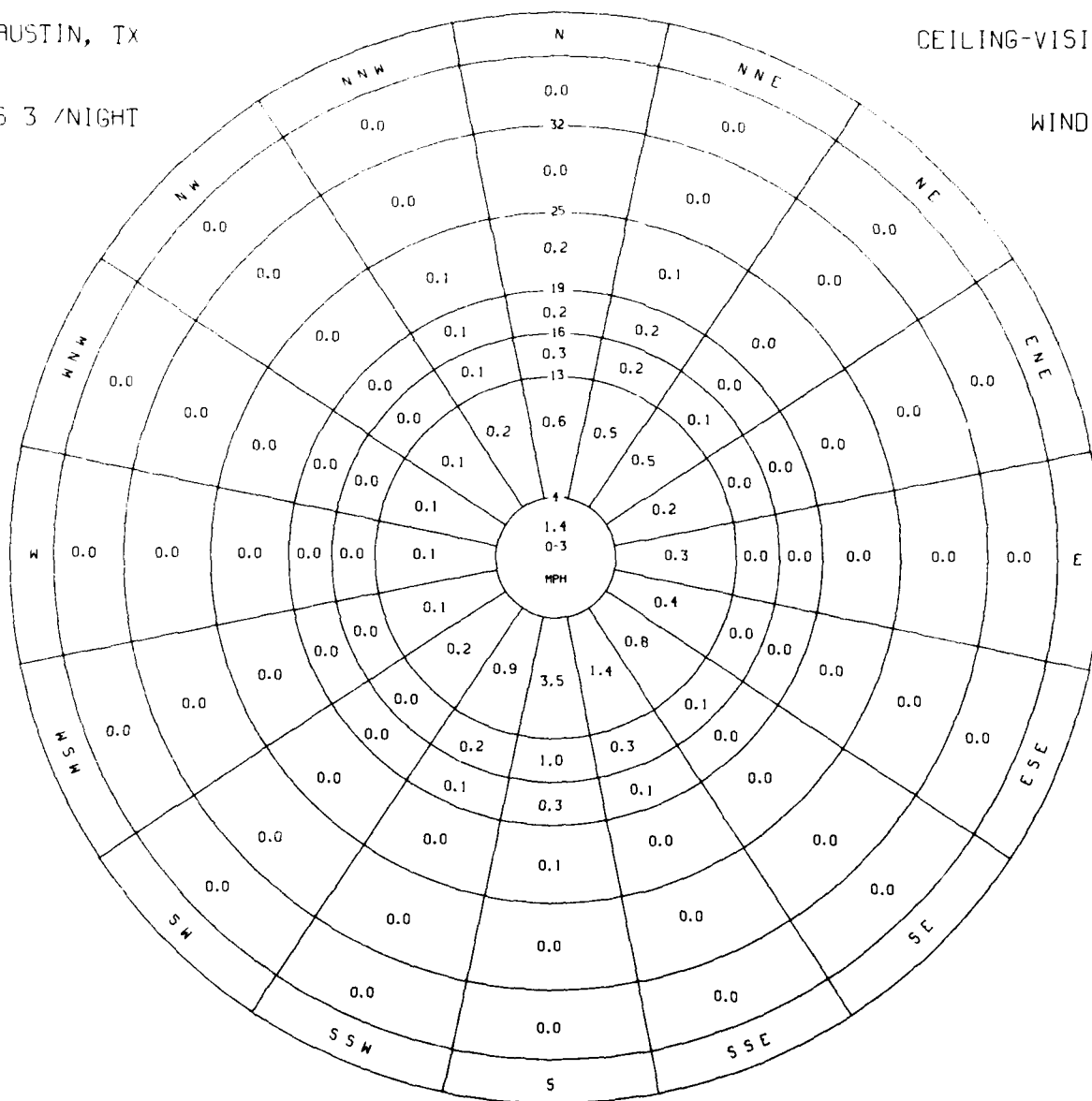
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.5	4.0	.3	2.6	.2	2.0	.2	1.3	.0	.2	.0	.1	1.2	10.4	13.7
NNE	.0	.2	.4	3.8	.3	2.1	.2	1.5	.1	.7	.0	.1	.0	.1	1.0	8.5	12.7
NE	.1	.4	.7	5.6	.2	1.4	.1	.7	.0	.2	.0	.0	.0	.0	1.0	8.4	10.4
ENE	.0	.4	.4	3.2	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.5	4.4	8.9
E	.1	.6	.4	3.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.4	7.9
ESE	.1	.5	.4	3.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.2	8.0
SE	.1	1.1	.7	5.9	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.9	8.1	7.9
SSE	.1	.9	.9	7.8	.2	1.3	.0	.4	.0	.1	.0	.0	.0	.0	1.2	10.4	8.9
S	.1	1.2	1.7	14.5	.4	3.5	.1	1.2	.0	.4	.0	.0	.0	.0	2.4	20.8	9.7
SSW	.0	.3	.6	5.2	.2	1.5	.1	.5	.0	.1	.0	.0	.0	.0	.9	7.7	10.3
SW	.0	.3	.2	1.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.4	8.7
WSW	.0	.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	7.2
W	.0	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	7.5
WNW	.0	.1	.1	.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.9	10.1
NW	.0	.1	.1	.9	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.2	1.9	11.7
NNW	.0	.1	.2	1.7	.1	.9	.1	.6	.0	.3	.0	.1	.0	.0	.4	3.8	12.9
CALM	.3	2.4													.2	2.4	
TOTAL	1.1	9.1	7.3	62.4	1.9	16.2	.9	8.0	.4	3.6	.1	.4	.0	.2	11.8	100	9.9

AUS AUSTIN, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUS AUSTIN, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 13958

NO. OBS.: 6108

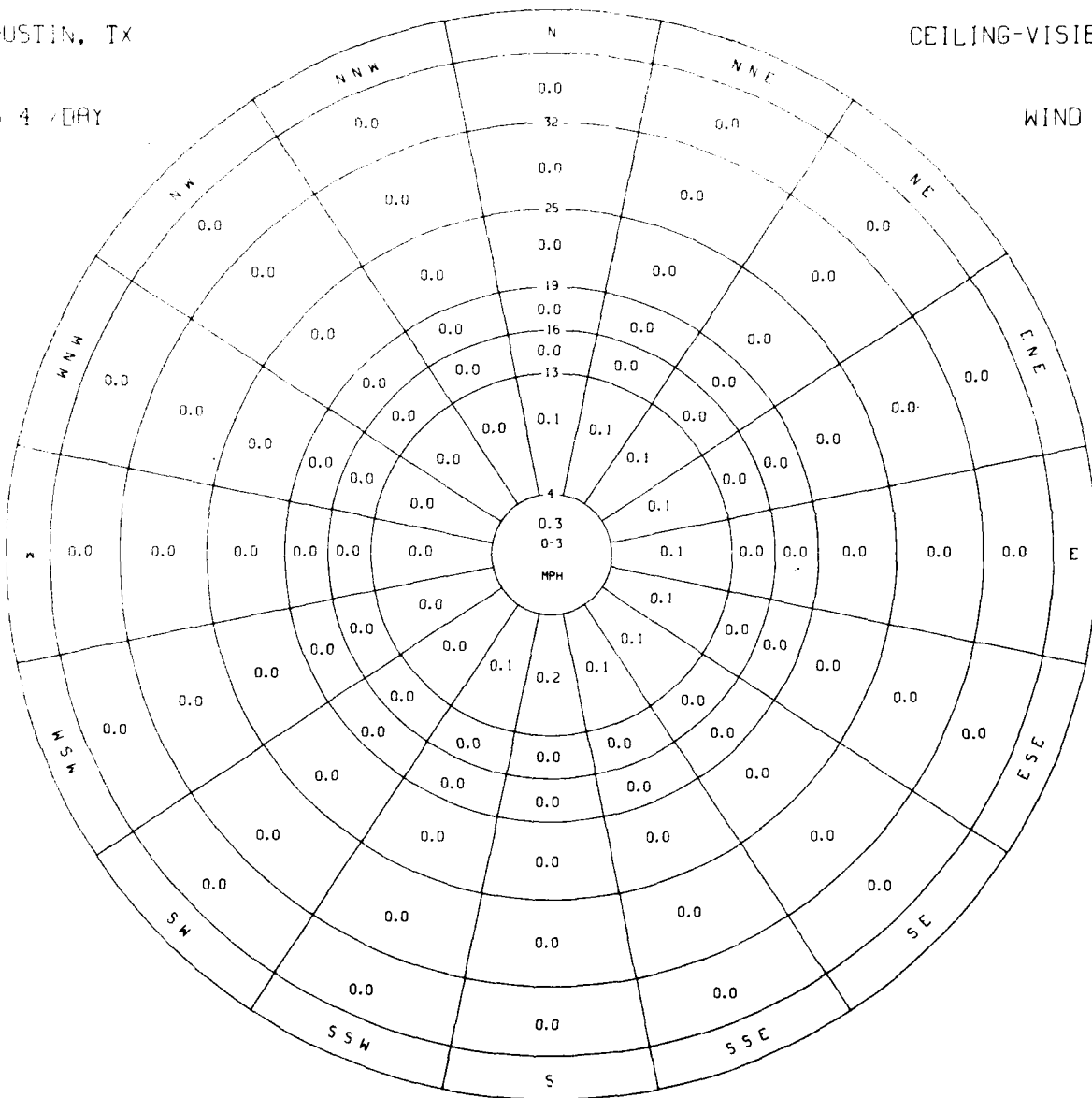
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.6	3.7	.3	2.1	.2	1.5	.2	1.2	.0	.3	.0	.0	1.4	9.1	13.5
NNE	.0	.1	.5	3.3	.2	1.5	.2	1.1	.1	.4	.0	.1	.0	.0	1.0	6.6	12.2
NE	.1	.3	.5	3.3	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.7	4.6	9.5
ENE	.0	.2	.2	1.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.9	7.7
E	.1	.5	.3	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.6	7.3
ESE	.1	.5	.4	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.3	7.2
SE	.1	.8	.8	4.9	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	1.0	6.6	7.8
SSE	.1	.6	1.4	8.9	.3	2.2	.1	.9	.0	.2	.0	.0	.0	.0	2.0	12.9	10.0
S	.2	1.4	3.5	22.7	1.0	6.3	.3	2.0	.1	.4	.0	.0	.0	.0	5.1	32.8	10.0
SSW	.0	.3	.9	5.5	.2	1.4	.1	.6	.0	.1	.0	.0	.0	.0	1.2	7.9	10.1
SW	.1	.4	.2	1.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.1	7.3
WSW	.0	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	6.5
W	.0	.2	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	6.3
WNW	.0	.1	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	9.2
NW	.0	.2	.1	.9	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3	1.6	10.4
NNW	.0	.1	.2	1.5	.1	.5	.1	.6	.1	.3	.0	.0	.0	.0	.5	3.1	12.6
CALM	.4	2.7													.4	2.7	
TOTAL	1.4	8.9	9.9	63.9	2.5	16.2	1.2	7.6	.5	2.9	.1	.4	.0	.1	15.6	100	9.8

AUS AUSTIN, TX

CLASS 4 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUS AUSTIN, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 13958

NO. OBS.: 752

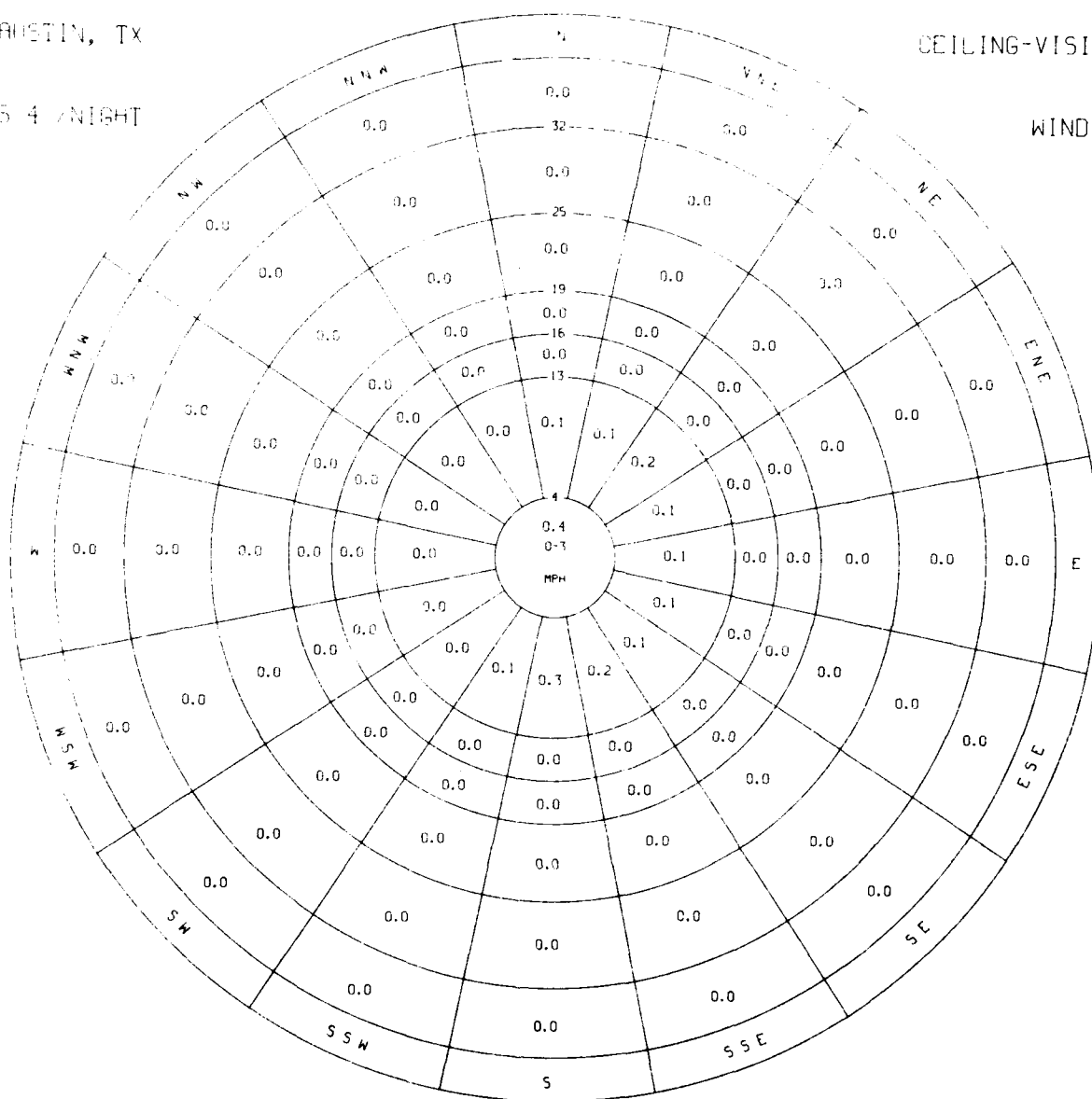
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.5	.1	3.7	.0	1.7	.0	.7	.0	.3	.0	.1	.0	.0	.1	8.0	10.3
NNE	.0	.7	.1	5.2	.0	1.3	.0	.1	.0	.3	.0	.0	.0	.0	.1	7.6	9.6
NE	.0	.7	.1	6.6	.0	1.3	.0	.3	.0	.0	.0	.1	.0	.0	.1	9.0	9.1
ENE	.0	.1	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	8.1
E	.0	.8	.1	5.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.5	6.8
ESE	.0	.4	.1	6.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.5	7.3
SE	.0	1.2	.1	9.2	.0	.4	.0	.4	.0	.0	.0	.0	.0	.1	.2	11.3	7.4
SSE	.0	.7	.1	9.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	10.5	7.0
S	.0	1.2	.2	12.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	14.5	7.1
SSW	.0	.7	.1	3.6	.0	.3	.0	.4	.0	.0	.0	.0	.0	.0	.1	4.9	8.2
SW	.0	.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.9
WSW	.0	.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.7
W	.0	.7	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.3	5.6
WNW	.0	.3	.0	.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.2	8.8
NW	.0	.3	.0	1.5	.0	.1	.0	.1	.0	.3	.0	.0	.0	.0	.0	2.3	9.4
NNW	.0	.1	.0	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.9	8.5
CALM	.1	6.4													.1	6.4	
TOTAL	.3	16.2	1.1	73.7	.1	6.5	.0	2.1	.0	1.1	.0	.3	.0	.1	1.6	100	7.4

AUS AUSTIN, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUL- AUSTIN, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 13958

NO. OBS.: 857

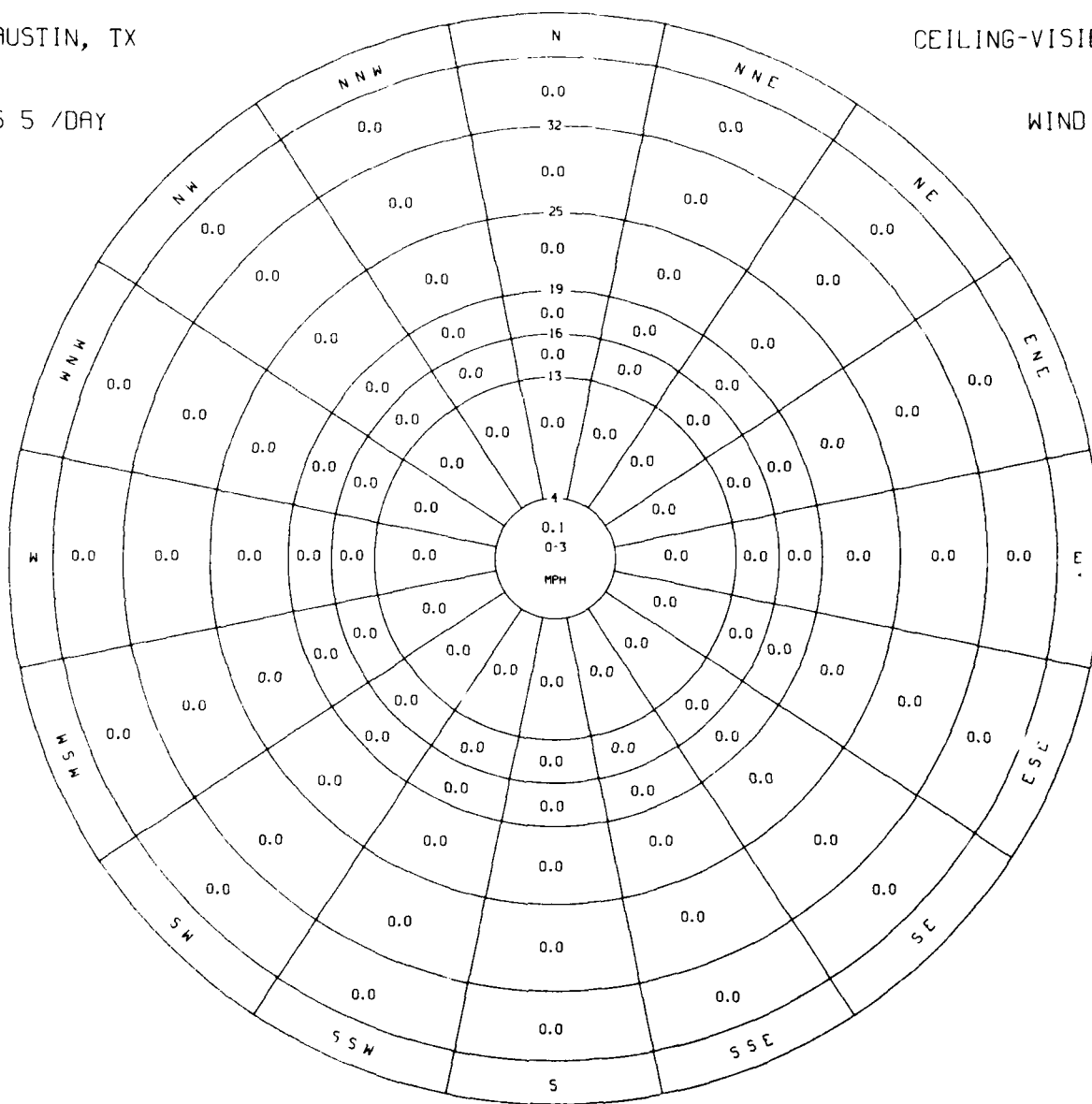
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.6	.1	5.4	.0	.9	.0	.6	.0	.1	.0	.1	.0	.0	.2	7.7	9.6
NNE	.0	.6	.1	5.7	.0	1.1	.0	.1	.0	.4	.0	.0	.0	.0	.2	7.8	9.6
NE	.0	.9	.2	8.2	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.2	10.5	8.6
ENE	.0	.5	.1	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	8.0
E	.0	.9	.1	4.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	6.4
ESE	.0	.9	.1	3.3	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.1	4.9	7.7
SE	.0	1.8	.1	6.0	.0	.6	.0	.6	.0	.1	.0	.0	.0	.0	.2	9.0	7.4
SSE	.0	1.3	.2	7.6	.0	.8	.0	.4	.0	.2	.0	.0	.0	.0	.2	10.3	7.9
S	.0	2.2	.3	12.6	.0	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.4	17.0	7.9
SSW	.0	.2	.1	5.4	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.1	6.3	8.7
SW	.0	.8	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	6.4
WSW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.2
W	.0	.0	.0	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.1
WNW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.5
NW	.0	.4	.0	1.3	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.9	7.2
NNW	.0	.2	.0	1.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.2
CALM	.1	6.3													.1	6.3	
TOTAL	.4	18.3	1.5	69.2	.2	8.5	.1	2.6	.0	1.3	.0	.1	.0	.0	2.2	100	7.6

AUS AUSTIN, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUE AUSTIN, TX

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 13958

NO. OBS.: 166

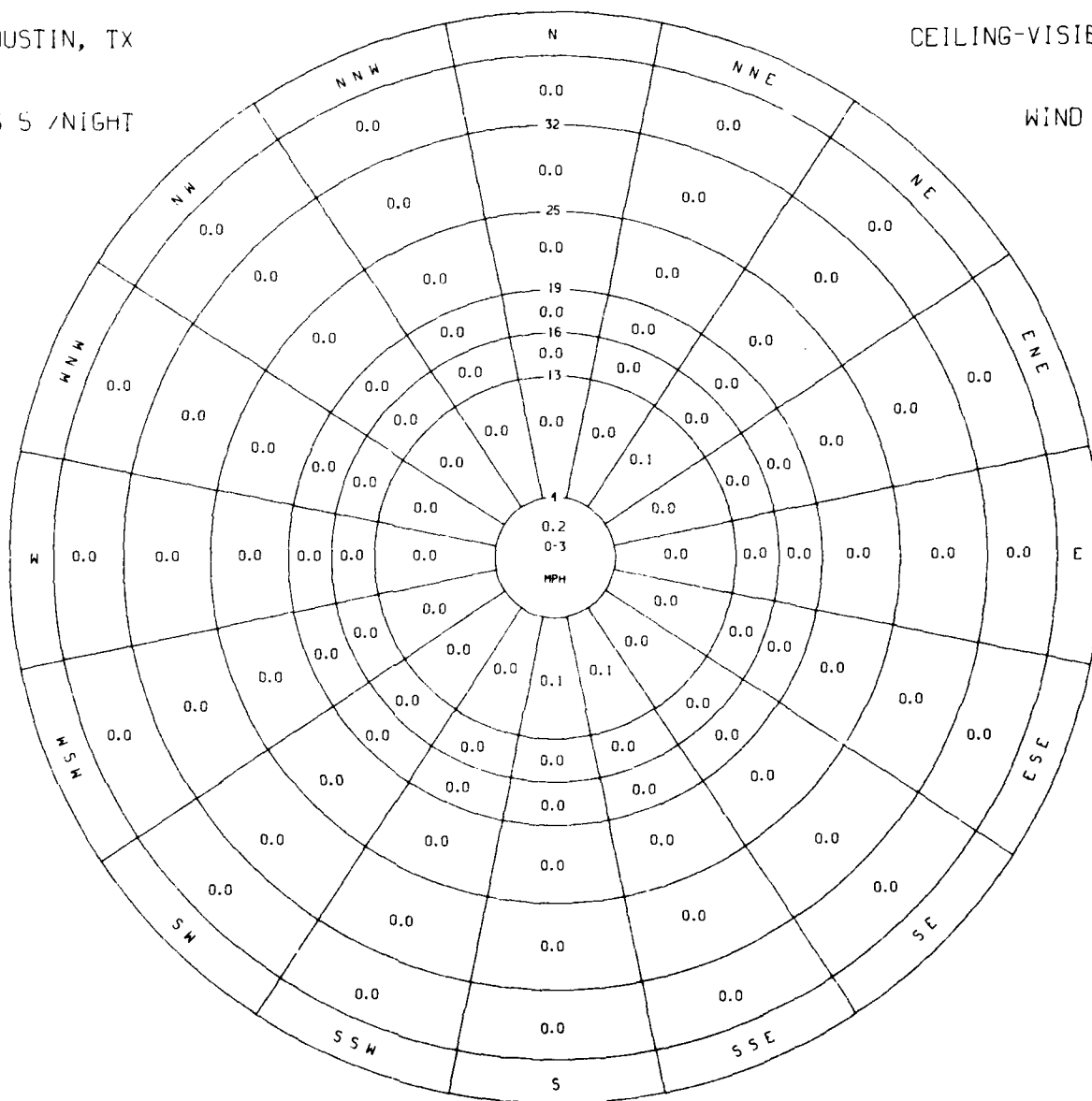
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	2.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.4
NNE	.0	.6	.0	1.2	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	2.4	7.5
NE	.0	.6	.0	6.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	9.5
ENE	.0	.6	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0
E	.0	1.2	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	5.9
ESE	.0	2.4	.0	5.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	7.9
SE	.0	4.2	.0	8.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	6.4
SSE	.0	1.2	.0	9.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	6.3
S	.0	1.8	.0	14.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	16.3	6.7
SSW	.0	.6	.0	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.9
SW	.0	1.2	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.1
WSW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.3
W	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
WNW	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	4.2	8.6
NW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
NNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.0
CALM	.0	7.2													.0	7.2	
TOTAL	.1	24.1	.2	69.9	.0	4.8	.0	.6	.0	.0	.0	.6	.0	.0	.3	100	6.5

AUS AUSTIN, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUS AUSTIN, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 13958

NO. OBS.: 306

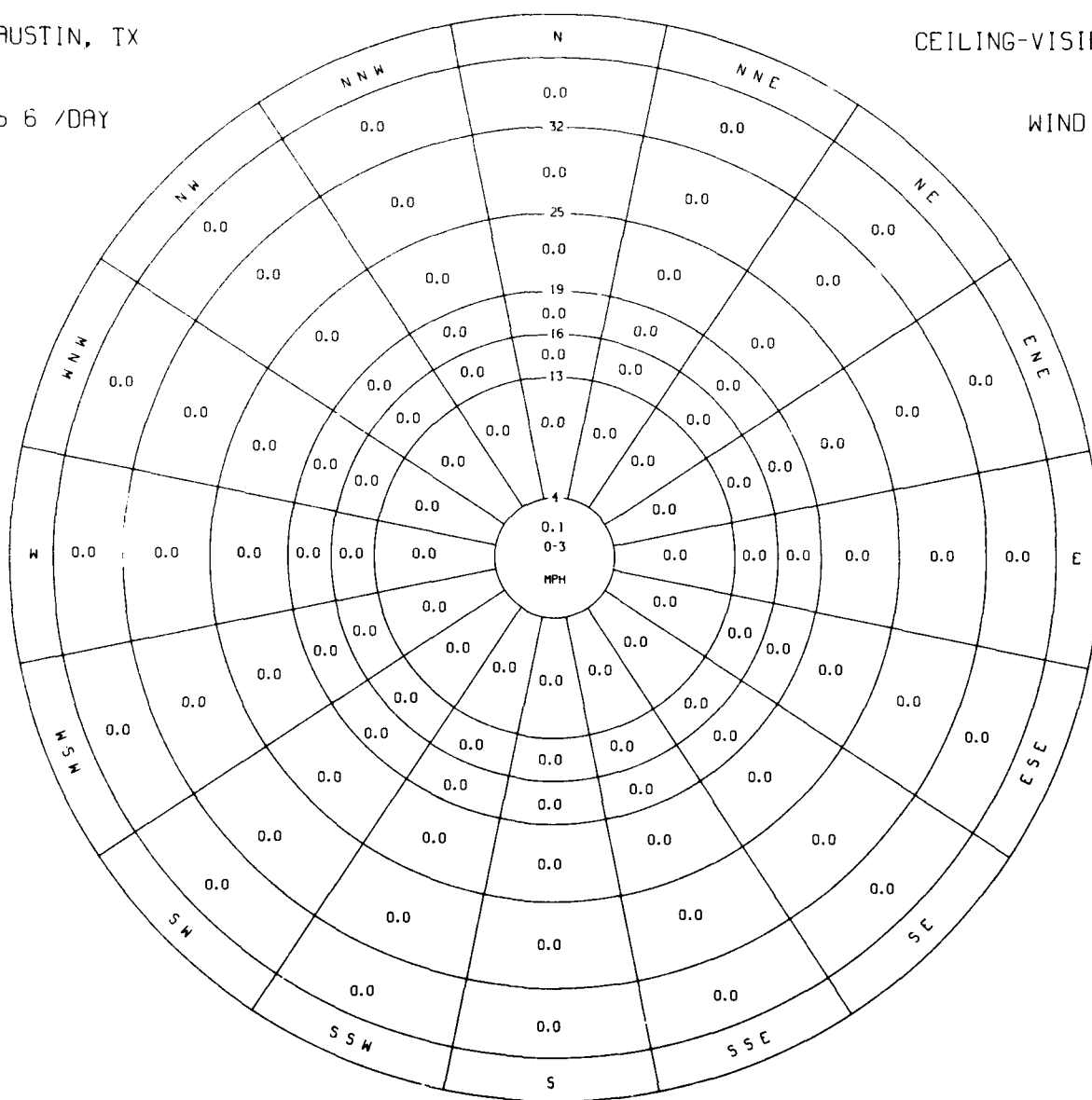
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.0	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.5
NNE	.0	1.3	.0	5.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.8	7.4
NE	.0	.0	.1	6.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	6.9	8.2
ENE	.0	.7	.0	2.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.4
E	.0	2.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.1
ESE	.0	1.0	.0	6.2	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.1	7.8	7.6
SE	.0	1.3	.0	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.5	6.3
SSE	.0	1.3	.1	7.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.5	6.9
S	.0	5.9	.1	14.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	20.9	6.1
SSW	.0	1.6	.0	5.6	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	7.8	7.4
SW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.7
WSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.7
W	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0
WNW	.0	.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.2
NW	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.0
NNW	.0	.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.7
CALM	.1	10.5													.1	10.5	
TOTAL	.2	29.1	.5	66.3	.0	3.3	.0	.7	.0	.7	.0	.0	.0	.0	.8	100	5.9

AUS AUSTIN, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AUS AUSTIN, TX

PERIOD: 1949-1978

CLASS 6 / DAY

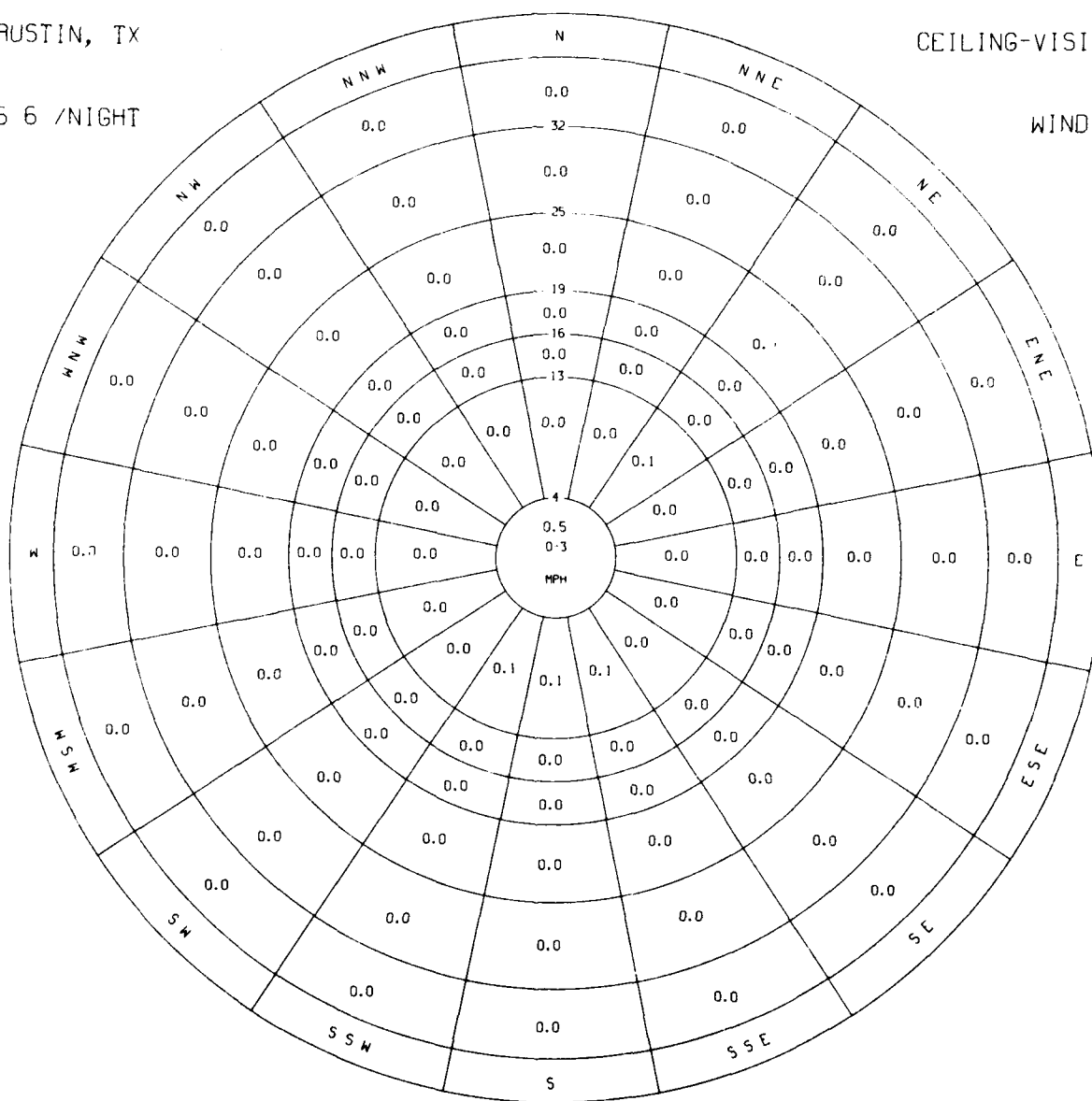
STATION NUMBER: 13958

NO. OBS.: 179

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.2
NNE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	10.5
NE	.0	1.7	.0	5.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	7.8	7.7
ENE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.2
E	.0	.6	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.7
ESE	.0	2.2	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	5.3
SE	.0	4.5	.0	6.7	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	11.7	5.5
SSE	.0	3.9	.0	5.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	5.7
S	.0	5.0	.0	11.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	16.8	5.9
SSW	.0	1.1	.0	5.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	7.7
SW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.7
WSW	.0	1.1	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.2
W	.0	1.1	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.4
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.7
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	17.3													.1	17.3	
TOTAL	.1	39.7	.2	56.4	.0	2.8	.0	1.1	.0	.0	.0	.0	.0	.0	.4	100	5.0

CLASS 6 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AHS AUSTIN, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 13958

NO. OBS.: 405

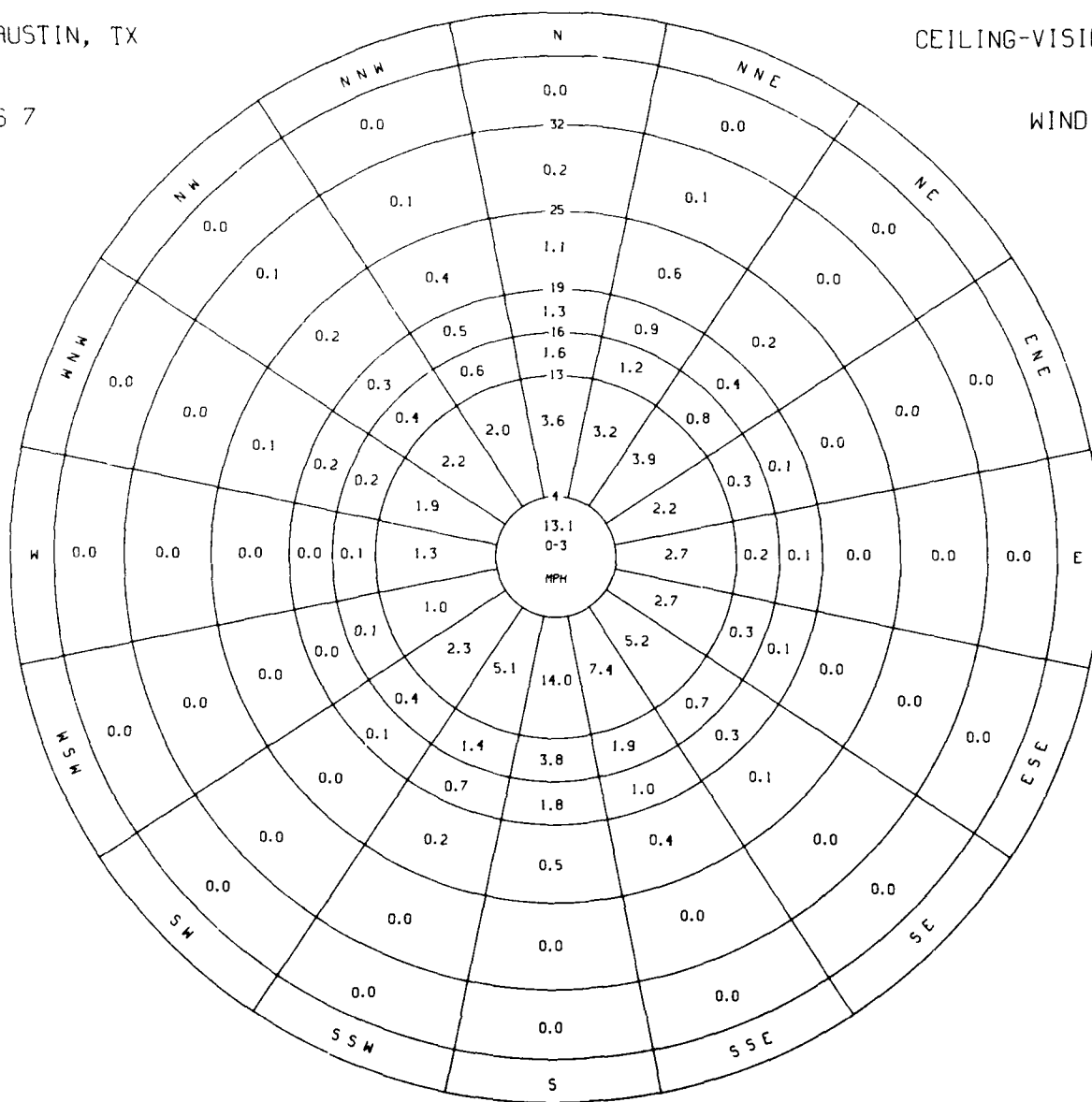
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.5	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	4.0	8.2
NNE	.0	2.5	.0	3.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	5.6
NE	.0	3.0	.1	5.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6	5.5
ENE	.0	.7	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.9
E	.0	1.5	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	5.2
ESE	.0	1.7	.0	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.1
SE	.0	3.0	.0	4.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	5.4
SSE	.0	2.0	.1	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6	6.0
S	.0	4.7	.1	12.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	16.8	5.7
SSW	.0	1.7	.1	5.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4	6.2
SW	.0	2.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.9
WSW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.7
W	.0	1.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.4
WNW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.0
NW	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.3
NNW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.2
CALM	.2	18.3													.2	18.3	
TOTAL	.5	45.4	.5	52.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.2	1.0	100	4.6

AUS AUSTIN, TX

CLASS 7

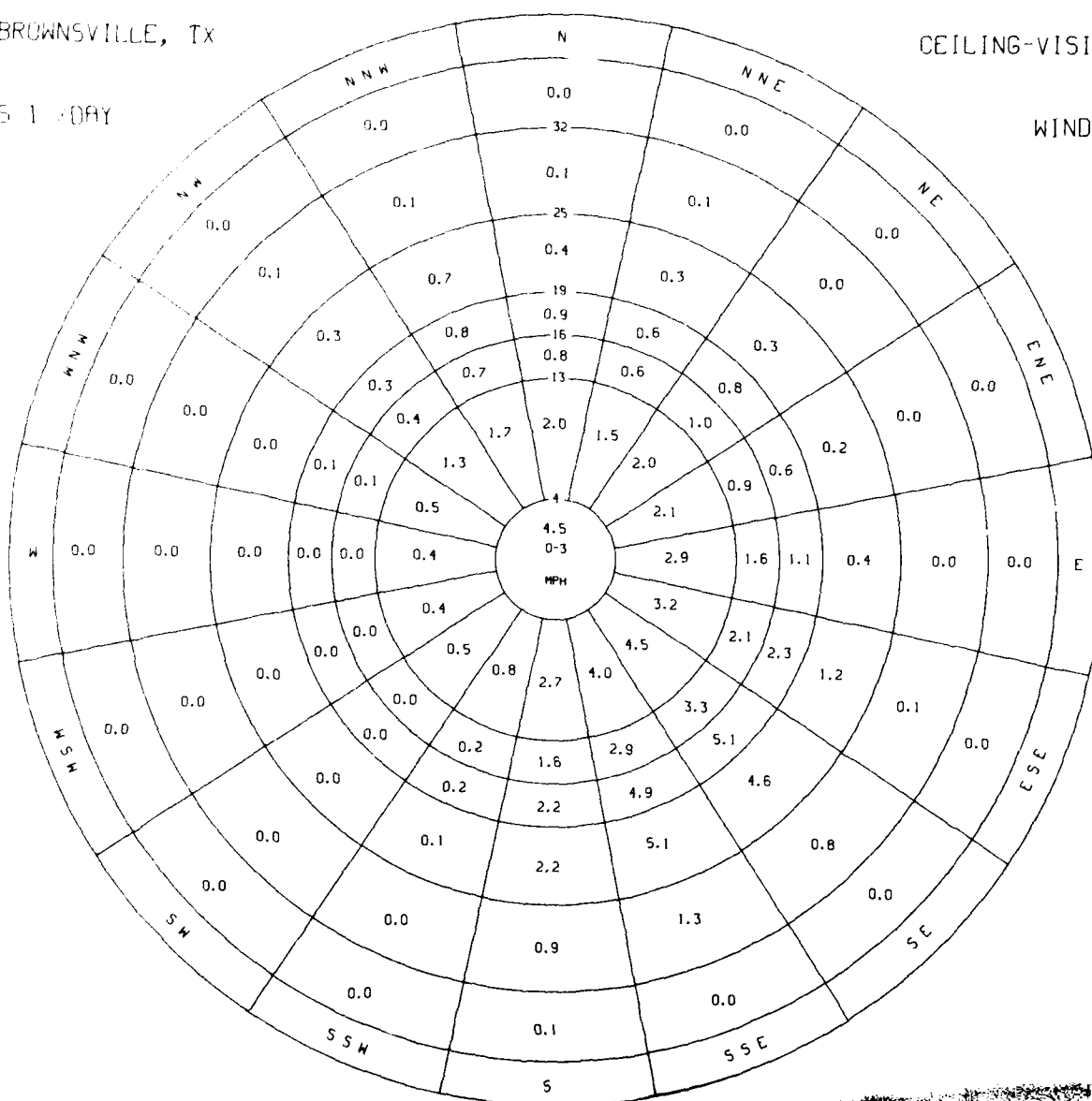
CEILING-VISIBILITY

WIND GRAPH



CLASS 1 DAY

WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 12919

NO. OBS.: 44675

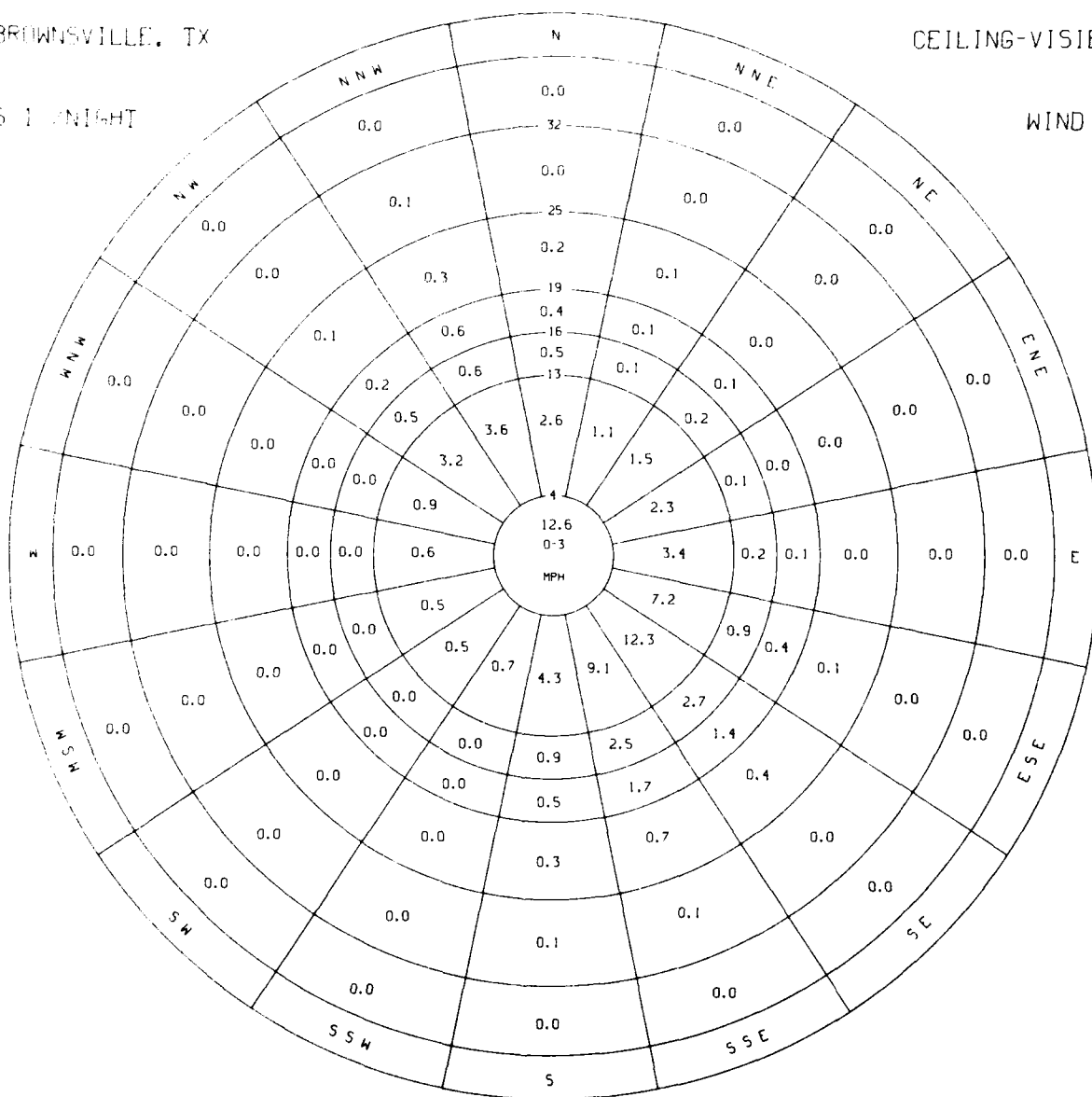
U I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.3	2.0	2.3	.8	.9	.9	.9	.4	.5	.1	.1	.0	.0	4.5	4.9	12.3
NNE	.2	.2	1.5	1.6	.6	.7	.6	.7	.3	.3	.1	.1	.0	.0	3.2	3.6	12.4
NE	.2	.2	2.0	2.2	1.0	1.1	.8	.9	.3	.3	.0	.0	.0	.0	4.4	4.8	12.2
ENE	.2	.2	2.1	2.3	.9	1.0	.6	.7	.2	.2	.0	.0	.0	.0	4.0	4.4	11.7
E	.2	.3	2.9	3.2	1.6	1.8	1.1	1.2	.4	.5	.0	.0	.0	.0	6.3	6.9	12.2
ESE	.3	.3	3.2	3.6	2.1	2.3	2.3	2.5	1.2	1.4	.1	.1	.0	.0	9.3	10.2	13.7
SE	.5	.5	4.5	4.9	3.3	3.6	5.1	5.7	4.6	5.1	.8	.8	.0	.0	18.7	20.7	15.7
SSE	.3	.3	4.0	4.4	2.9	3.2	4.9	5.4	5.1	5.6	1.3	1.4	.0	.1	18.5	20.4	16.6
S	.3	.3	2.7	3.0	1.6	1.8	2.2	2.4	2.2	2.4	.9	1.0	.1	.1	9.9	10.9	16.0
SSW	.1	.1	.8	.8	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	1.3	1.5	11.1
SW	.1	.1	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	8.0
WSW	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	7.6
W	.1	.1	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	8.0
WNW	.1	.1	.5	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.9	.9	9.3
NW	.2	.2	1.3	1.5	.4	.4	.3	.4	.3	.3	.1	.1	.0	.0	2.5	2.8	11.7
NNW	.2	.2	1.7	1.9	.7	.8	.8	.9	.7	.7	.1	.1	.0	.0	4.3	4.7	13.5
CALM	1.3	1.4													1.3	1.4	
TOTAL	4.5	4.9	30.6	33.7	16.4	18.1	19.9	21.9	15.7	17.4	3.4	3.8	.2	.2	90.6	100	14.1

BRO BROWNSVILLE, TX

CLASS 1 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1951

CLASS 1 / NIGHT

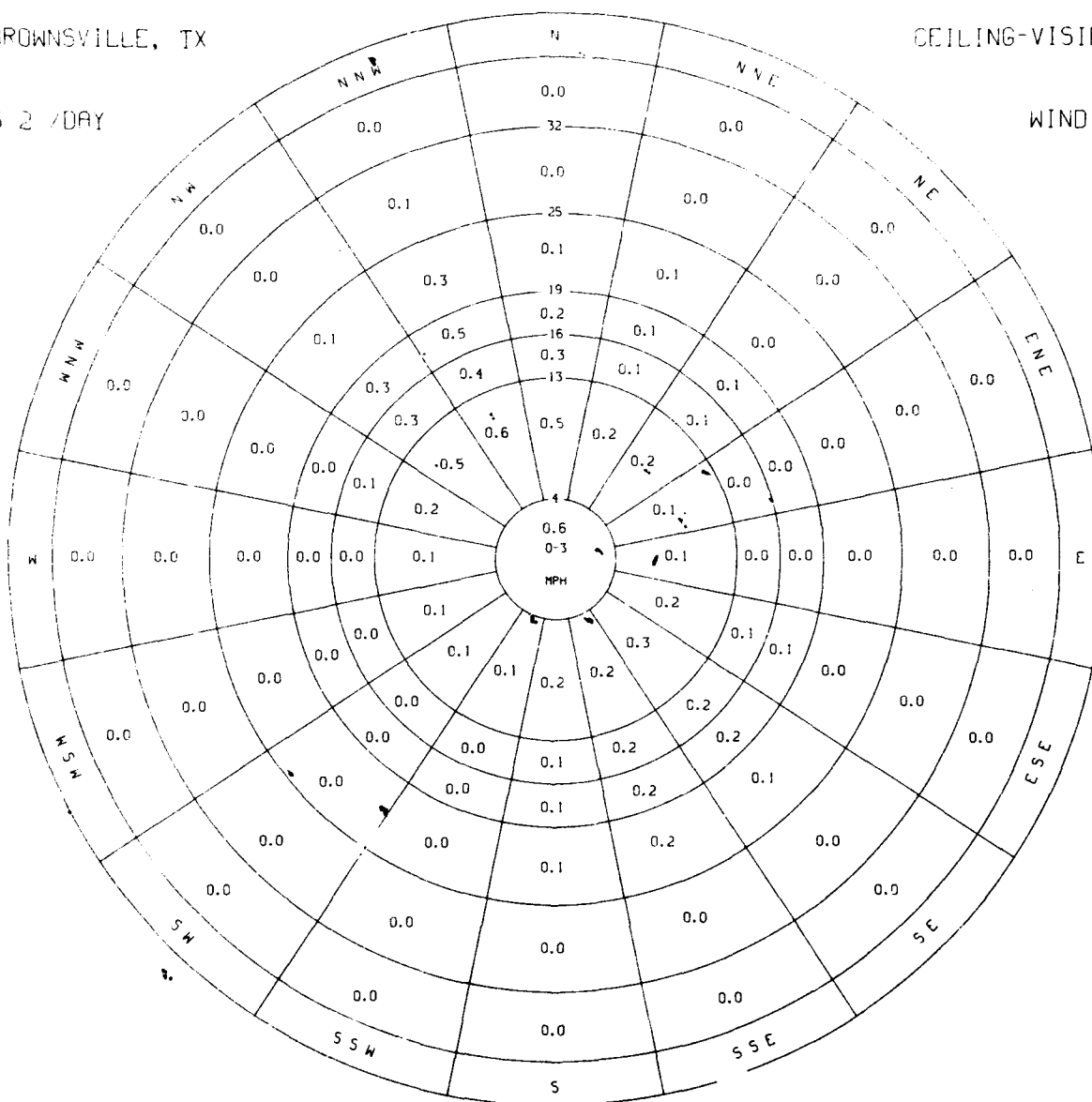
STATION NUMBER: 12919

NO. OBS.: 3221

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.6	.7	2.6	3.1	.5	.5	.4	.5	.2	.2	.0	.1	.0	.0	4.3	5.1	9.1
NNE	.4	.4	1.1	1.3	.1	.2	.1	.2	.1	.1	.0	.0	.0	.0	1.9	2.2	8.5
NE	.4	.5	1.5	1.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2	2.6	7.5
ENE	.5	.6	2.3	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.4	6.8
E	.8	1.0	3.4	4.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.5	5.4	7.0
ESE	1.0	1.2	7.2	8.5	.9	1.0	.4	.5	.1	.1	.0	.0	.0	.0	9.5	11.3	8.2
SE	1.3	1.6	12.3	14.6	2.7	3.2	1.4	1.7	.4	.5	.0	.0	.0	.0	18.2	21.7	9.7
SSE	.8	1.0	9.1	10.8	2.5	2.9	1.7	2.0	.7	.8	.1	.1	.0	.0	14.8	17.6	10.7
S	.7	.8	4.3	5.2	.9	1.1	.5	.6	.3	.3	.1	.1	.0	.0	6.8	8.1	9.6
SSW	.2	.3	.7	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.2	6.7
SW	.2	.3	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	5.8
WSW	.2	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	5.7
W	.2	.2	.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0	6.0
WNW	.2	.3	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.5	6.9
NW	.4	.5	3.2	3.8	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	4.5	5.4	8.9
NNW	.4	.4	3.6	4.3	.6	.8	.6	.7	.3	.4	.1	.1	.0	.0	5.6	6.6	10.2
CALM	4.3	5.1													4.3	5.1	
TOTAL	12.6	15.0	54.0	64.3	9.2	11.0	5.6	6.6	2.2	2.6	.4	.4	.0	.0	84.0	100	8.7

CLASS 2 / DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRD BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 12919

NO. OBS.: 4642

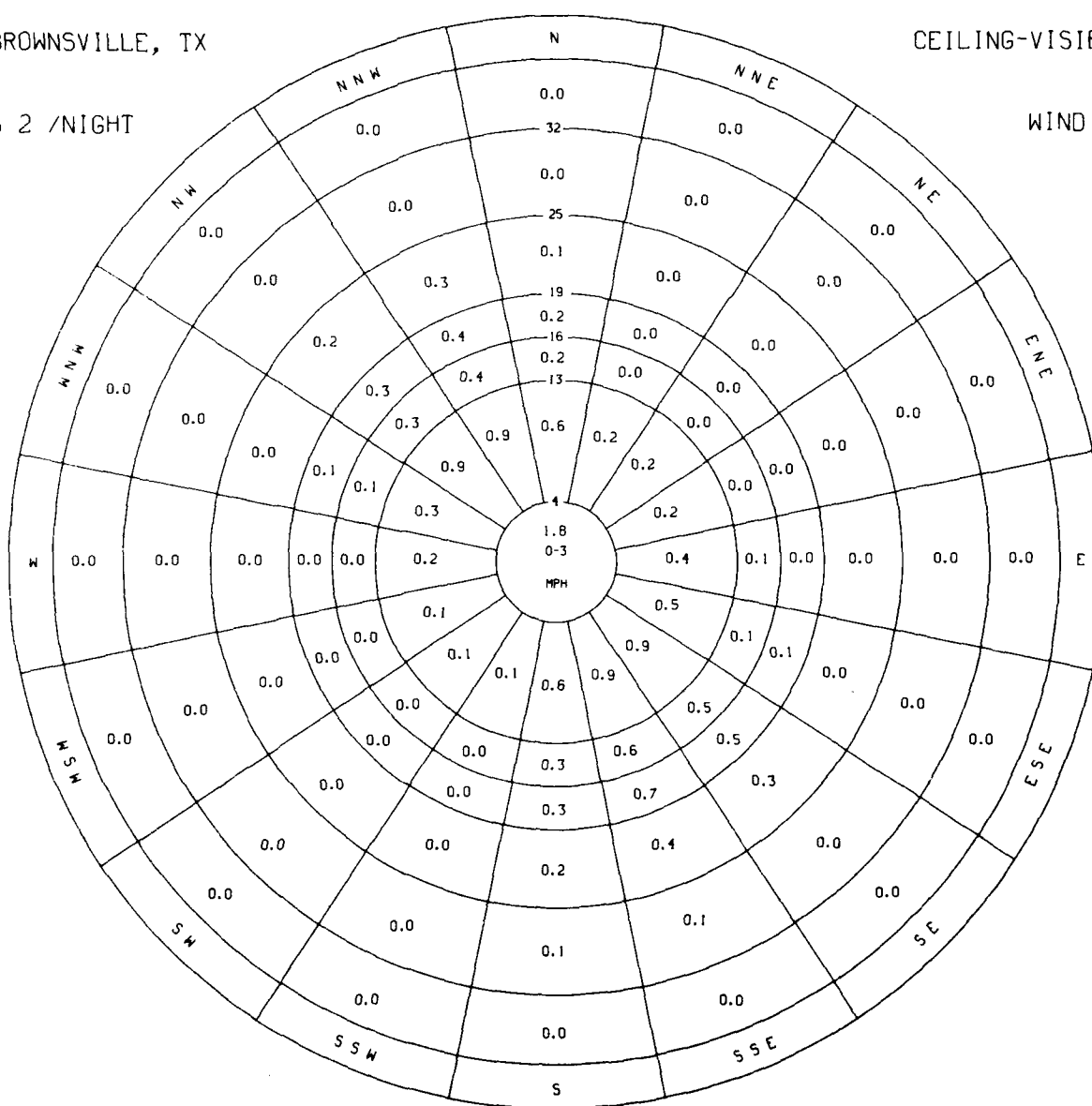
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.5	.5	5.4	.3	2.8	.2	2.5	.1	1.2	.0	.3	.0	.0	1.2	12.7	13.0
NNE	.0	.3	.2	2.0	.1	.8	.1	.9	.1	.8	.0	.1	.0	.0	.5	5.0	13.0
NE	.0	.3	.2	1.8	.1	.9	.1	.7	.0	.4	.0	.1	.0	.0	.4	4.2	12.3
ENE	.0	.3	.1	1.4	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.2	2.3	10.3
E	.0	.3	.1	1.6	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.3	3.0	10.9
ESE	.0	.2	.2	2.0	.1	.9	.1	.6	.0	.4	.0	.1	.0	.0	.4	4.1	12.6
SE	.0	.2	.3	2.7	.2	1.8	.2	2.2	.1	1.4	.0	.3	.0	.0	.8	8.7	14.6
SSE	.0	.1	.2	2.3	.2	2.1	.2	2.5	.2	2.6	.0	.3	.0	.0	.9	9.8	16.0
S	.0	.1	.2	2.1	.1	1.1	.1	1.3	.1	1.3	.0	.4	.0	.1	.6	6.4	15.2
SSW	.0	.2	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.3	11.1
SW	.0	.2	.1	.8	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.1	7.6
WSW	.0	.2	.1	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	8.1
W	.0	.2	.1	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.7	8.7
WNW	.0	.2	.2	2.2	.1	.6	.0	.5	.0	.2	.0	.0	.0	.0	.4	3.8	11.0
NW	.0	.3	.5	5.6	.3	3.1	.3	2.8	.1	1.1	.0	.5	.0	.1	1.3	13.4	13.6
NNW	.1	.6	.6	6.4	.4	3.9	.5	5.1	.3	2.9	.1	.7	.0	.0	1.8	19.6	14.5
CALM	.2	1.9													.2	1.9	
TOTAL	.6	6.0	3.7	38.9	1.8	19.2	1.9	20.2	1.2	12.6	.3	2.7	.0	.4	9.4	100	13.3

BRO BROWNSVILLE, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 12919

NO. OBS.: 6116

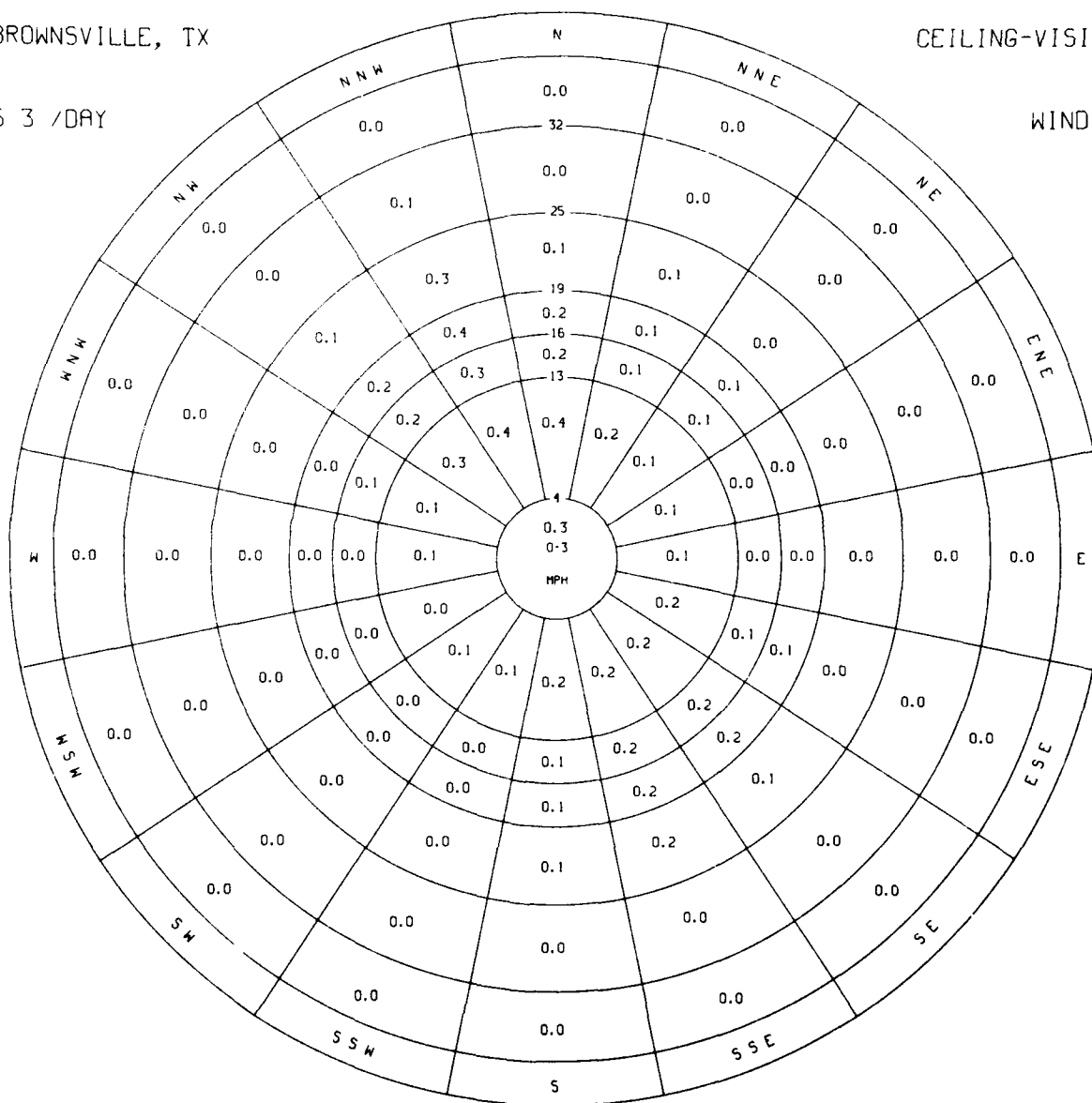
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.5	.6	3.5	.2	1.3	.2	1.1	.1	.5	.0	.1	.0	.0	1.1	7.0	11.4
NNE	.0	.3	.2	1.4	.0	.2	.0	.3	.0	.1	.0	.0	.0	.0	.4	2.3	9.8
NE	.1	.4	.2	1.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.1	9.2
ENE	.0	.3	.2	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.0	8.8
E	.1	.5	.4	2.2	.1	.3	.0	.2	.0	.1	.0	.0	.0	.0	.6	3.4	8.8
ESE	.1	.4	.5	2.8	.1	.9	.1	.7	.0	.3	.0	.0	.0	.0	.8	5.1	10.7
SE	.1	.7	.9	5.6	.5	3.2	.5	2.8	.3	1.7	.0	.2	.0	.0	2.3	14.2	13.1
SSE	.1	.6	.9	5.4	.6	4.0	.7	4.1	.4	2.3	.1	.4	.0	.0	2.7	16.8	14.1
S	.1	.8	.6	4.0	.3	1.6	.3	1.7	.2	1.2	.1	.4	.0	.0	1.5	9.6	12.8
SSW	.0	.3	.1	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.4	7.7
SW	.0	.2	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	7.4
WSW	.0	.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	6.7
W	.1	.4	.2	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.6	7.6
WNW	.1	.3	.3	2.2	.1	.5	.1	.3	.0	.0	.0	.0	.0	.0	.5	3.4	9.8
NW	.1	.6	.9	5.6	.3	2.2	.3	1.9	.2	1.0	.0	.1	.0	.1	1.8	11.6	12.3
NNW	.0	.3	.9	5.7	.4	2.7	.4	2.5	.3	1.6	.0	.3	.0	.0	2.1	13.1	13.2
CALM	.7	4.3													.7	4.3	
TOTAL	1.8	11.2	7.1	44.3	2.8	17.8	2.6	16.1	1.4	9.0	.2	1.6	.0	.1	16.0	100	11.6

BRO BROWNSVILLE, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 12919

NO. OBS.: 3842

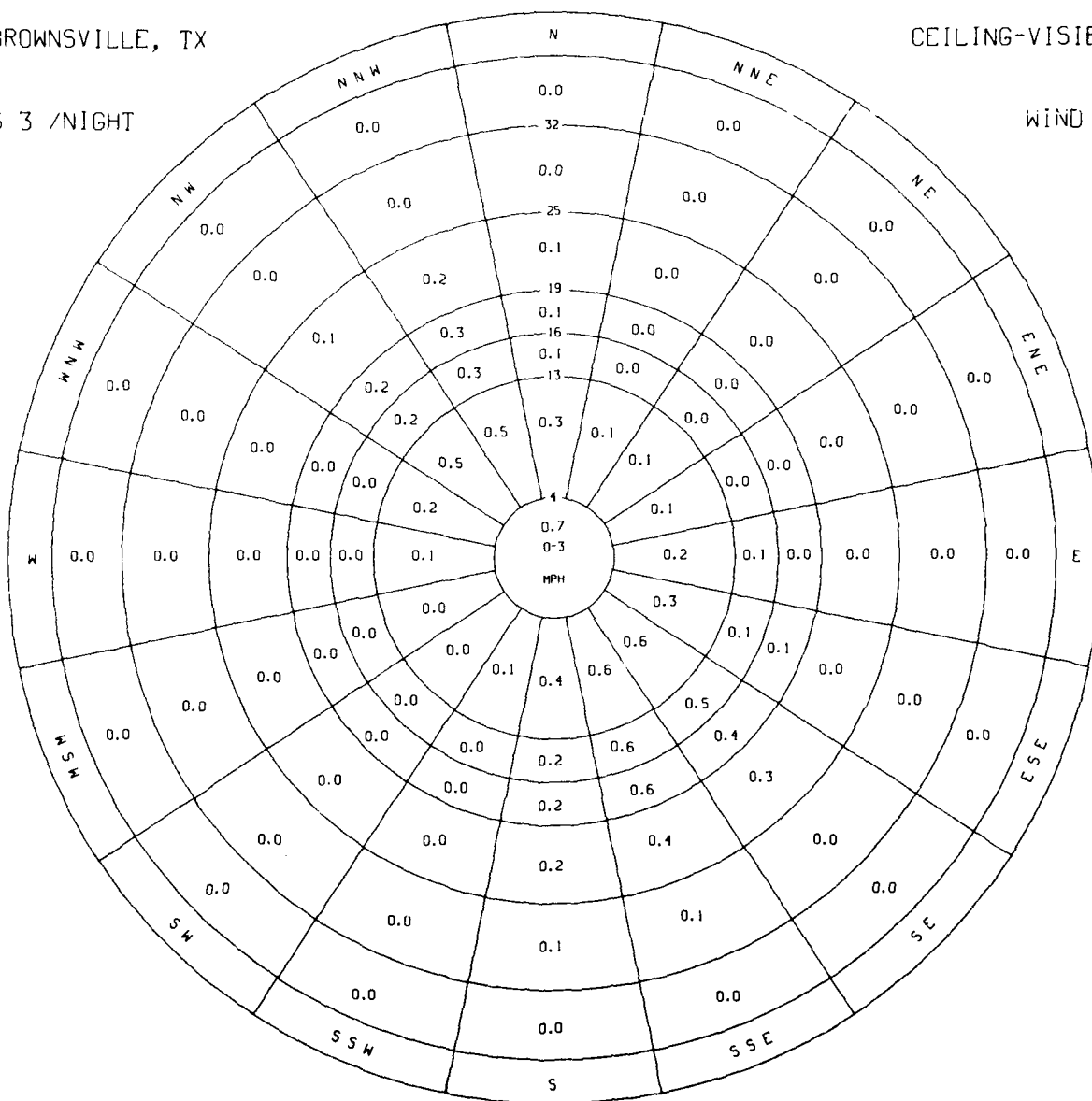
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.5	.4	4.8	.2	2.8	.2	2.6	.1	1.4	.0	.3	.0	.0	1.0	12.4	13.4
NNE	.0	.3	.2	2.0	.1	.8	.1	1.1	.1	1.0	.0	.1	.0	.1	.4	5.3	13.7
NE	.0	.2	.1	1.7	.1	1.0	.1	.9	.0	.5	.0	.1	.0	.0	.3	4.3	13.1
ENE	.0	.3	.1	1.4	.0	.3	.0	.3	.0	.1	.0	.1	.0	.0	.2	2.4	10.9
E	.0	.1	.1	1.5	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.2	2.9	11.9
ESE	.0	.1	.2	2.0	.1	1.1	.1	.7	.0	.5	.0	.1	.0	.0	.4	4.5	13.1
SE	.0	.1	.2	2.7	.2	2.1	.2	2.7	.1	1.6	.0	.3	.0	.0	.7	9.6	15.1
SSE	.0	.1	.2	2.5	.2	2.4	.2	2.9	.2	3.1	.0	.4	.0	.0	.9	11.4	16.2
S	.0	.1	.2	2.2	.1	1.2	.1	1.6	.1	1.5	.0	.5	.0	.1	.6	7.2	15.7
SSW	.0	.1	.1	.7	.0	.2	.0	.1	.0	.0	.0	.1	.0	.1	.1	1.2	12.6
SW	.0	.1	.1	.8	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.0	8.3
WSW	.0	.1	.0	.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	.8	9.6
W	.0	.1	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.3	9.5
WNW	.0	.2	.1	1.6	.1	.7	.0	.5	.0	.2	.0	.0	.0	.0	.3	3.3	11.6
NW	.0	.2	.3	4.5	.2	3.0	.2	2.8	.1	1.2	.0	.5	.0	.1	1.0	12.3	14.4
NNW	.0	.6	.4	5.0	.3	4.0	.4	5.4	.3	3.3	.1	.8	.0	.1	1.5	19.1	15.1
CALM	.1	1.0													.1	1.0	
TOTAL	.3	4.1	2.7	34.9	1.6	20.3	1.7	22.4	1.1	14.7	.2	3.2	.0	.4	7.8	100	14.0

BRO BROWNSVILLE, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNVILLE, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 12919

NO. OBS.: 4297

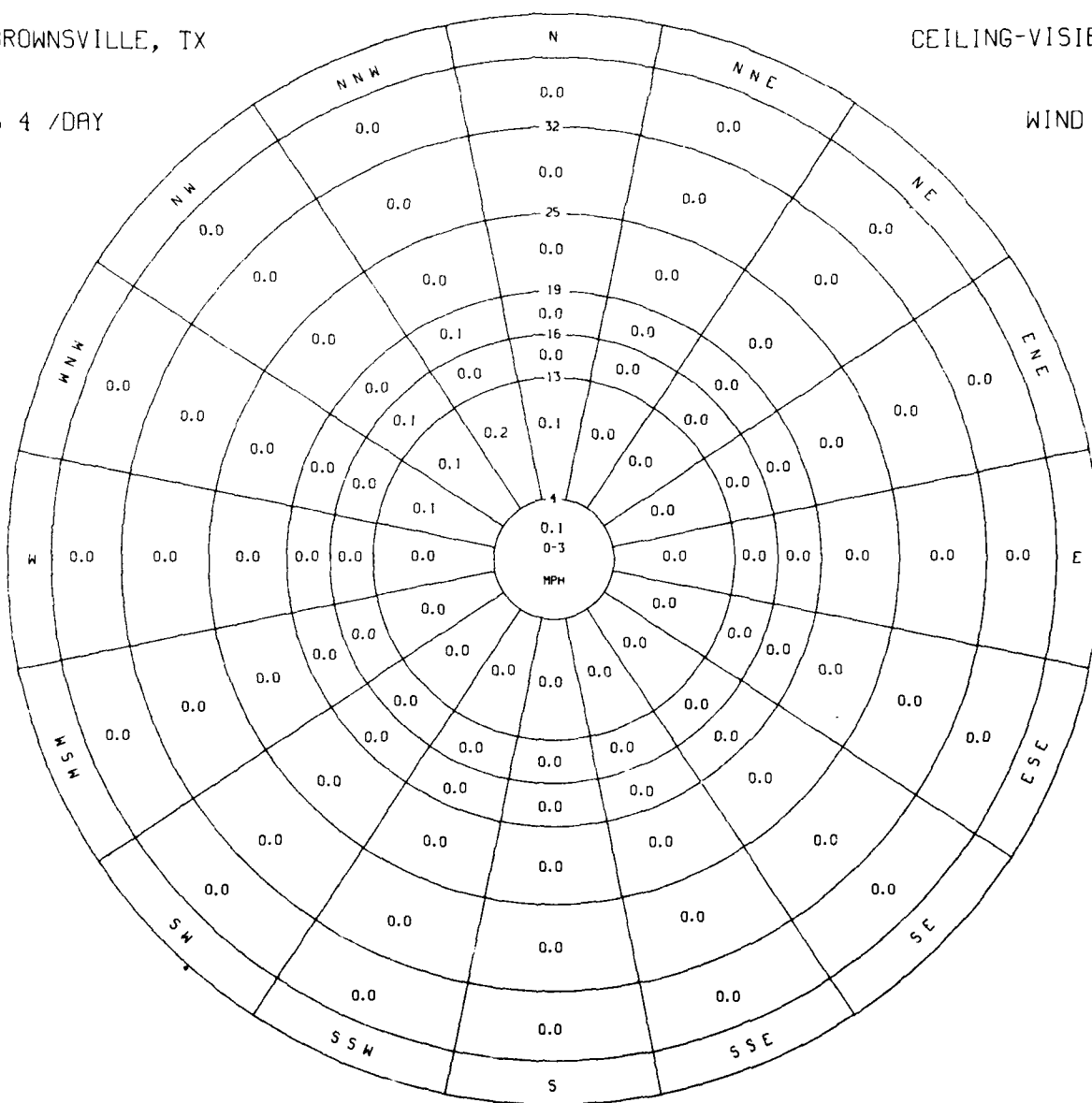
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.3	2.7	.1	1.3	.1	1.2	.1	.6	.0	.1	.0	.0	.7	6.1	12.7
NNE	.0	.2	.1	1.1	.0	.2	.0	.3	.0	.2	.0	.1	.0	.0	.2	2.0	11.2
NE	.0	.2	.1	1.0	.0	.2	.0	.3	.0	.0	.0	.0	.0	.1	.2	1.8	10.9
ENE	.0	.2	.1	1.1	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	1.9	10.0
E	.0	.2	.2	2.0	.1	.5	.0	.2	.0	.2	.0	.0	.0	.0	.3	3.1	10.3
ESE	.0	.2	.3	2.9	.1	1.1	.1	1.0	.0	.4	.0	.0	.0	.0	.6	5.6	11.9
SE	.0	.3	.6	5.5	.5	4.3	.4	3.9	.3	2.4	.0	.2	.0	.0	1.9	16.5	14.2
SSE	.0	.4	.6	5.5	.6	5.4	.6	5.7	.4	3.2	.1	.5	.0	.0	2.3	20.6	15.0
S	.1	.5	.4	3.8	.2	2.1	.2	2.2	.2	1.6	.1	.5	.0	.0	1.2	10.8	14.1
SSW	.0	.1	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	9.4
SW	.0	.1	.0	.4	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.7	8.9
WSW	.0	.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	6.9
W	.0	.2	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.1	8.1
WNW	.0	.2	.2	1.5	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.3	2.6	10.6
NW	.0	.3	.5	4.7	.2	2.0	.2	2.1	.1	1.2	.0	.2	.0	.1	1.2	10.7	13.2
NNW	.0	.2	.5	4.6	.3	2.7	.3	2.9	.2	2.0	.0	.3	.0	.0	1.4	12.8	14.3
CALM	.2	2.2													.2	2.2	
TOTAL	.7	6.0	4.3	38.4	2.3	20.8	2.3	20.4	1.3	12.0	.2	2.2	.0	.2	11.2	100	13.1

BRO BROWNSVILLE, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 12919

NO. OBS.: 577

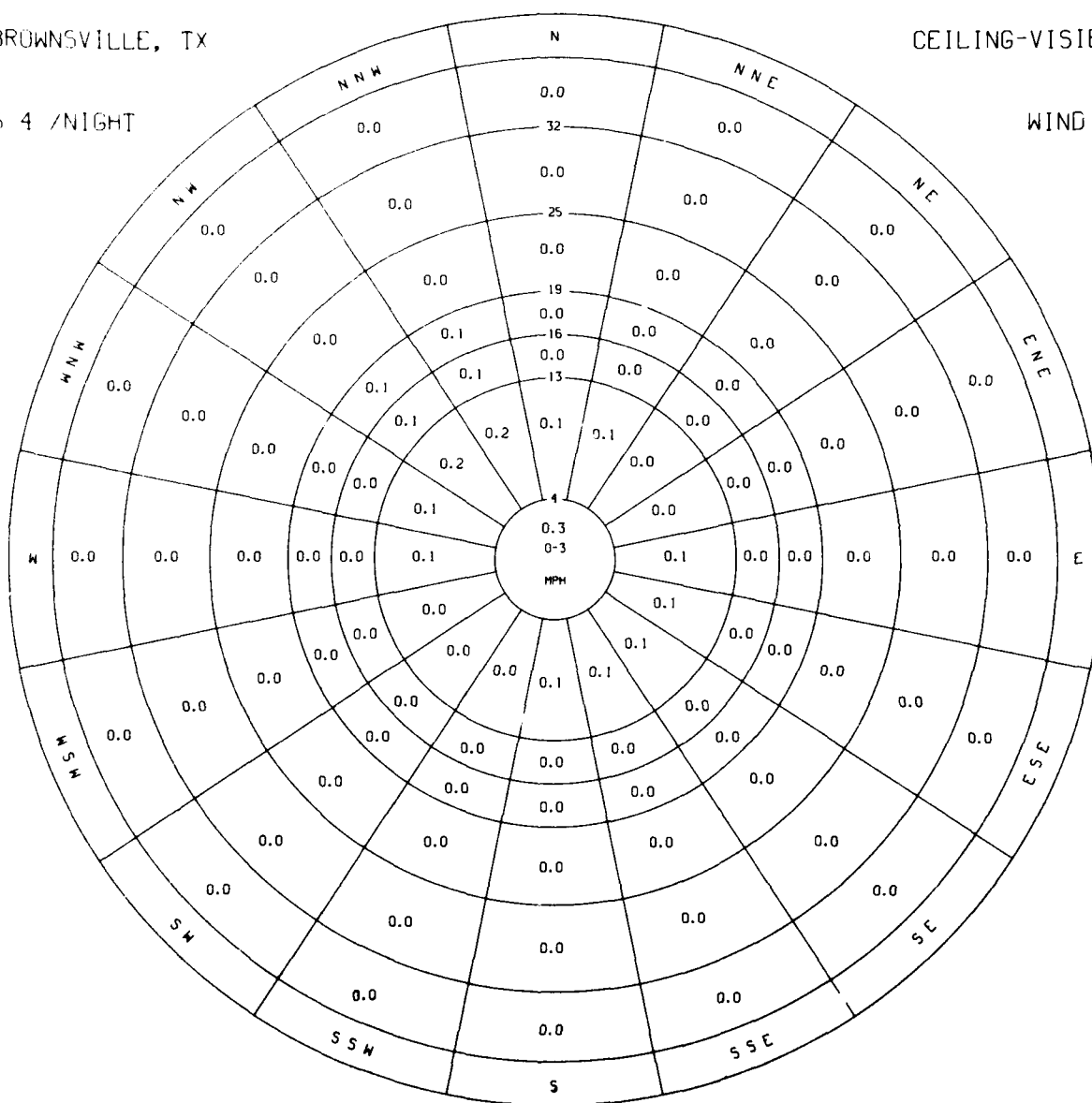
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.7	.1	7.6	.0	3.3	.0	3.1	.0	.2	.0	.2	.0	.0	.2	15.1	12.0
NNE	.0	.2	.0	1.9	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.9	9.6
NE	.0	.5	.0	2.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	8.7
ENE	.0	.0	.0	1.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.6	8.7
E	.0	.2	.0	1.4	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.1	8.8
ESE	.0	.2	.0	1.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.6	8.2
SE	.0	.3	.0	2.9	.0	.7	.0	.2	.0	.2	.0	.0	.0	.0	.1	4.3	10.5
SSE	.0	.2	.0	1.4	.0	1.0	.0	.2	.0	.3	.0	.0	.0	.0	.0	3.1	11.9
S	.0	.3	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	8.6
SSW	.0	.2	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.4
SW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.0
WSW	.0	.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.1
W	.0	.7	.0	2.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.5	7.8
WNW	.0	.3	.1	5.5	.0	.3	.0	.5	.0	.2	.0	.0	.0	.0	.1	6.9	9.6
NW	.0	.7	.1	11.8	.1	4.7	.0	3.1	.0	.3	.0	.0	.0	.2	.2	20.8	11.9
NNW	.0	.0	.2	13.2	.0	4.0	.1	5.4	.0	1.6	.0	.2	.0	.0	.3	24.3	12.7
CALM	.0	3.8													.0	3.8	
TOTAL	.1	9.5	.7	56.8	.2	17.0	.2	13.3	.0	2.8	.0	.3	.0	.2	1.2	100	10.6

BRO BROWNSVILLE, TX

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 12919

NO. OBS.: 947

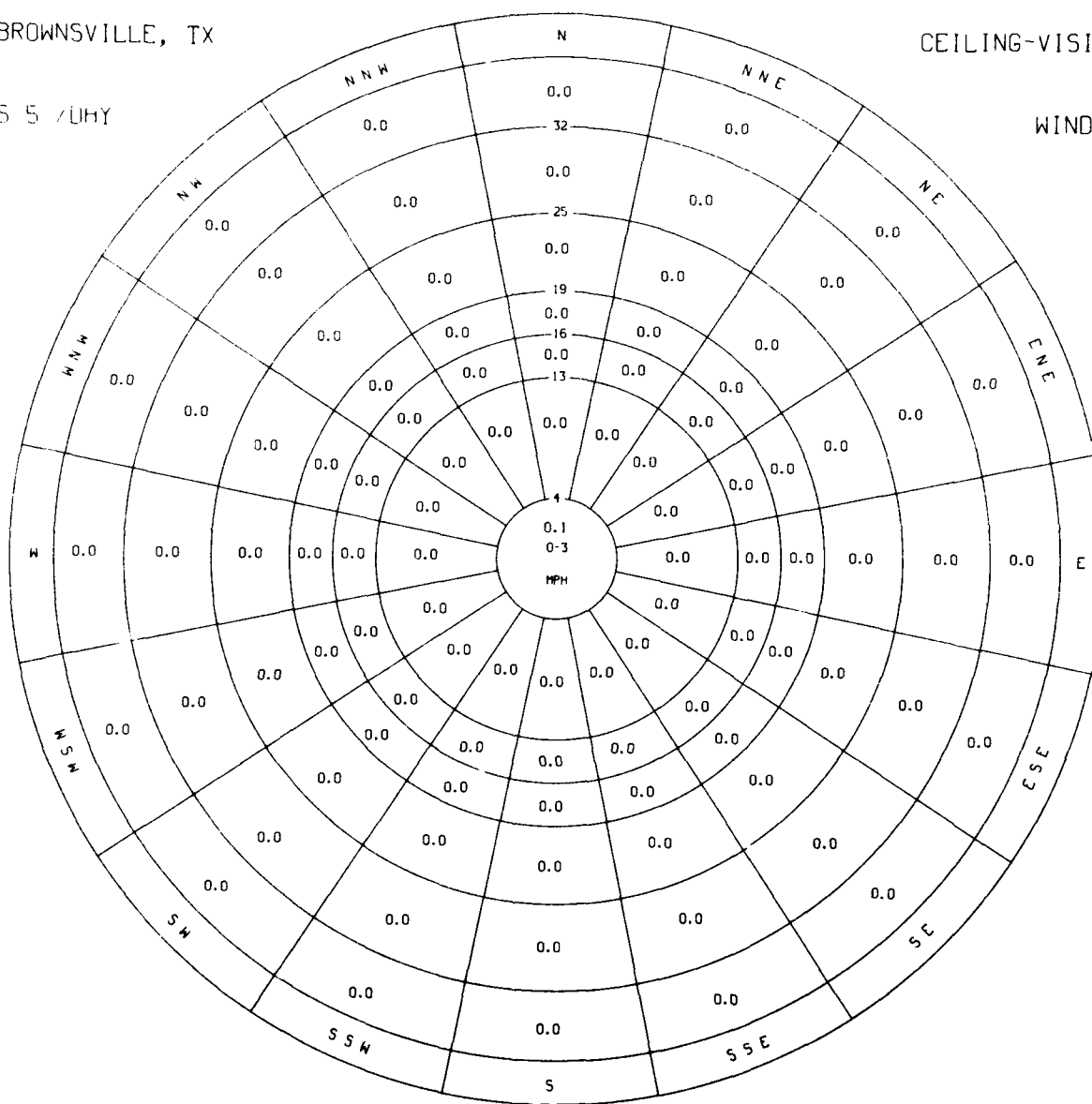
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.6	.1	5.8	.0	1.8	.0	1.7	.0	.2	.0	.0	.0	.0	.3	10.1	10.8
NNE	.0	.1	.1	2.1	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.1	2.9	9.4
NE	.0	.4	.0	1.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.1	7.4
ENE	.0	.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.2
E	.0	1.3	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0	6.0
ESE	.0	.4	.1	2.5	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.8	8.6
SE	.0	1.0	.1	4.5	.0	1.3	.0	.5	.0	.3	.0	.0	.0	.0	.2	7.6	9.7
SSE	.0	.3	.1	4.4	.0	1.4	.0	.8	.0	.2	.0	.1	.0	.0	.2	7.3	11.1
S	.0	.7	.1	3.2	.0	.6	.0	.7	.0	.2	.0	.0	.0	.0	.1	5.5	9.5
SSW	.0	.4	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	7.6
SW	.0	.1	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.9
WSW	.0	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.1
W	.0	.4	.1	3.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	8.3
WNW	.0	.5	.1	5.0	.0	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.2	7.2	9.8
NW	.0	1.1	.2	9.0	.1	4.1	.1	2.6	.0	1.1	.0	.0	.0	.0	.4	17.8	11.7
NNW	.0	.4	.2	9.2	.1	4.2	.1	3.0	.0	1.1	.0	.1	.0	.0	.4	18.0	12.0
CALM	.1	4.5													.1	4.5	
TOTAL	.3	12.8	1.4	57.0	.4	16.8	.2	9.9	.1	3.3	.0	.2	.0	.0	2.5	100	9.8

BRO BROWNSVILLE, TX

CLASS 5 /DRY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1951

CLASS 5 / DAY

STATION NUMBER: 12919

NO. OBS.: 11

DIRECTION	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.9	.0	7.0	.0	3.5	.0	.0	.0	.9	.0	.0	.0	.0	.0	12.2	10.6
NNE	.0	1.7	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.7
NE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.0
ENE	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
E	.0	4.3	.0	1.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.8
ESE	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	8.5
SSE	.0	.9	.0	4.3	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	6.1	7.6
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	13.3
SSW	.0	.0	.0	1.7	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	2.6	11.0
SW	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.9	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.2
WNW	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	9.5
NW	.0	1.7	.0	10.4	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	18.7	10.3
NNW	.0	1.7	.0	13.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.4	8.8
CALM	.0	12.2													.0	12.2	
TOTAL	.0	26.1	.0	59.1	.0	19.4	.0	2.6	.0	1.7	.0	.0	.0	.0	.0	11.0	7.7

AD-A108 165 NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

JUN 81

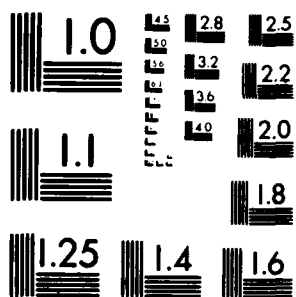
DOT-FA79WAI-057

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UNCLASSIFIED

2 - 6

Figure 1



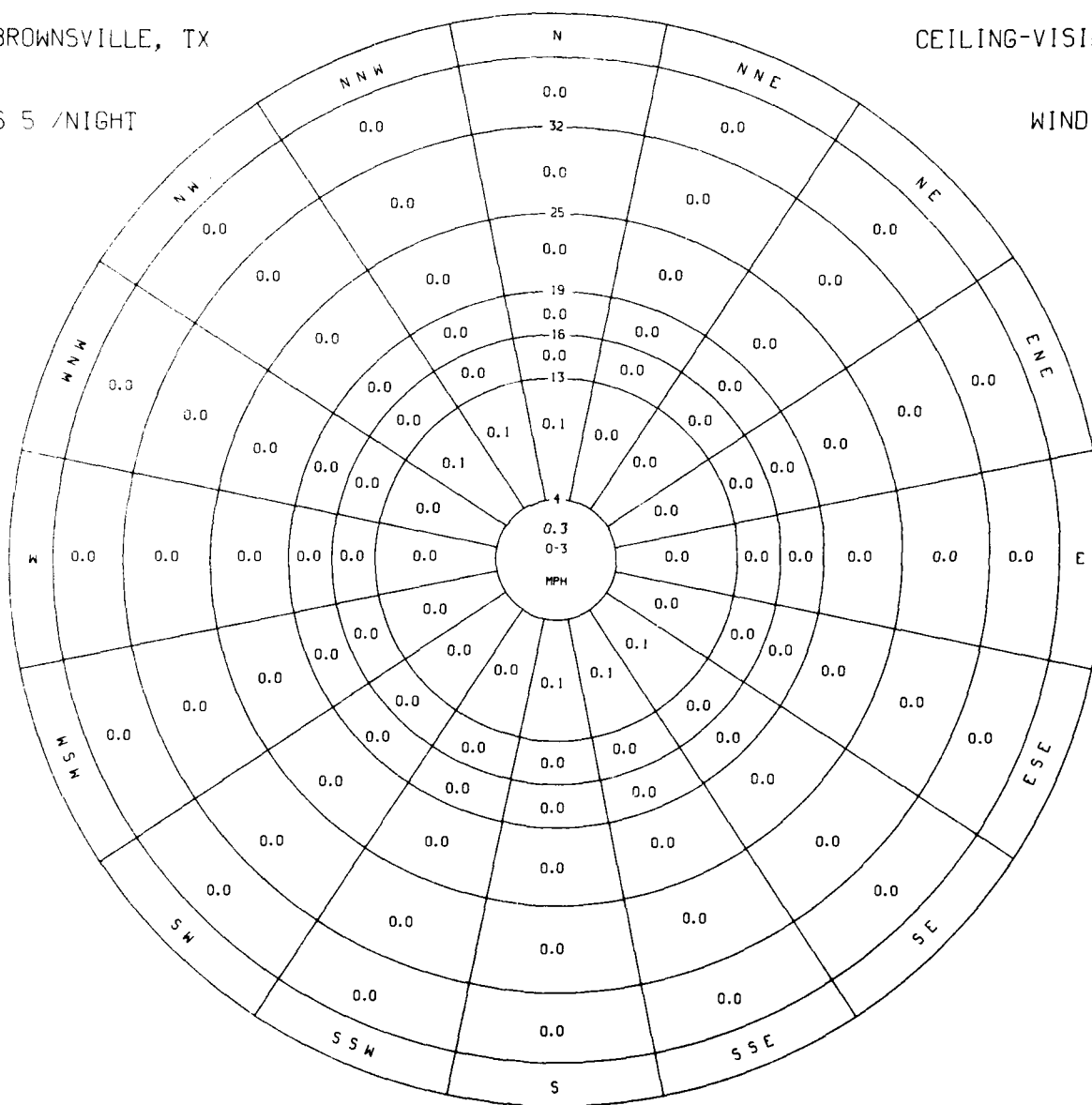
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A.

BRO BROWNSVILLE, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 12919

NO. OBS.: 421

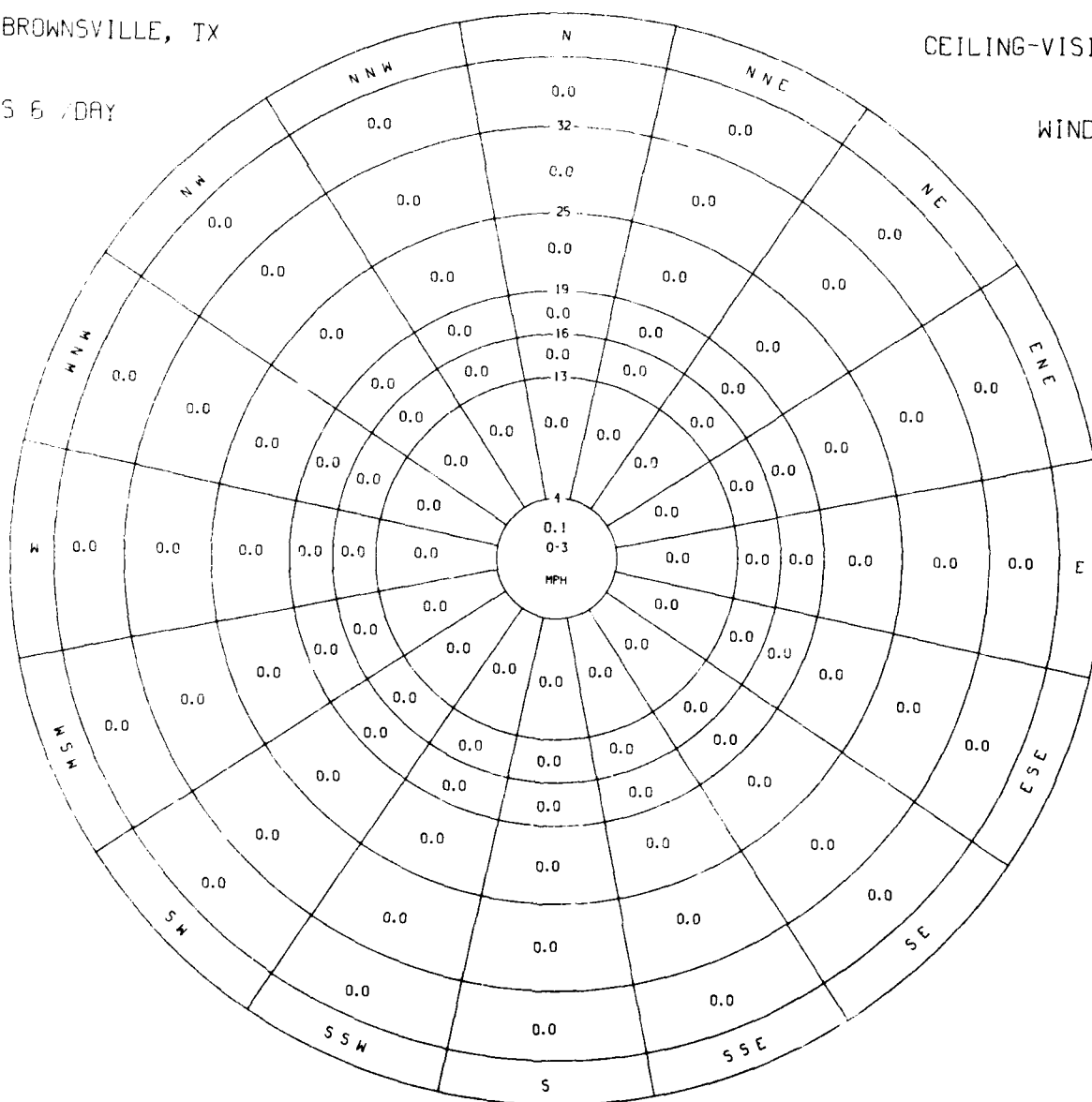
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.7	.1	7.4	.0	1.2	.0	.2	.0	.5	.0	.0	.0	.0	.1	10.9	8.0
NNE	.0	.5	.0	2.6	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.6	8.1
NE	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.7
ENE	.0	1.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.9
E	.0	.7	.0	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.9
ESE	.0	1.2	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.5
SE	.0	2.4	.1	6.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.3	6.2
SSE	.0	1.9	.1	5.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	6.8
S	.0	2.4	.1	4.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4	6.1
SSW	.0	1.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.5
SW	.0	.5	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.5
WSW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.9
W	.0	1.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.6
WNW	.0	.7	.0	3.3	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.1	4.8	7.4
NW	.0	1.2	.1	6.9	.0	1.2	.0	.2	.0	.2	.0	.0	.0	.0	.1	9.7	8.6
NNW	.0	.2	.1	7.8	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.1	10.0	9.4
CALM	.1	11.6													.1	11.6	
TOTAL	.3	29.7	.7	62.2	.1	5.5	.0	1.9	.0	.7	.0	.0	.0	.0	1.1	100	6.3

BRO BROWNSVILLE, TX

CLASS 6 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 12919

NO. OBS.: 108

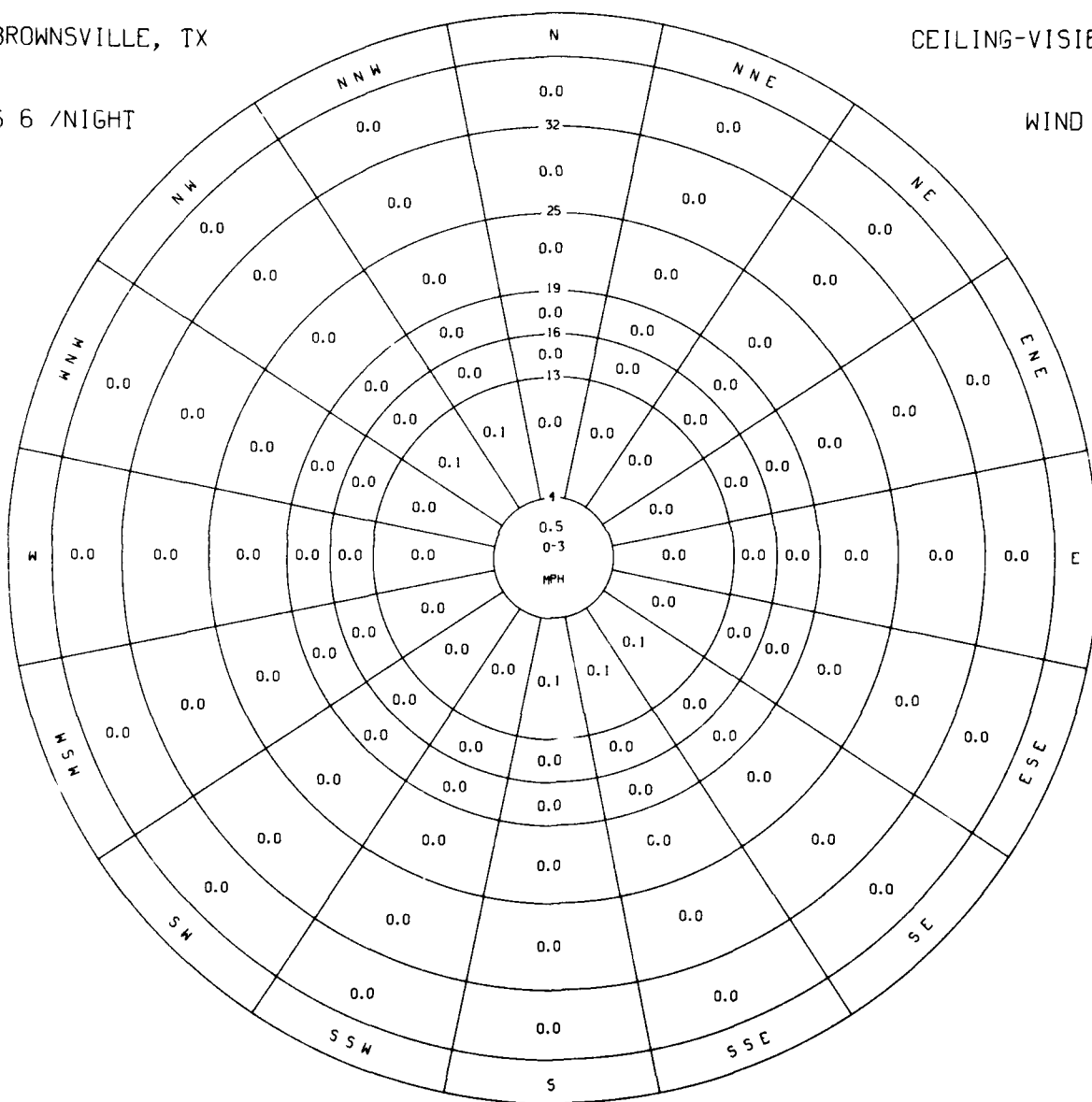
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.9	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0	6.8
NNE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.0
NE	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.5
ENE	.0	.9	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.3
E	.0	3.7	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	5.3
ESE	.0	2.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.6
SE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.0
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	8.0
S	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.8
SSW	.0	2.8	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.0
SW	.0	.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.3
WSW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.5
W	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0
WNW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.7
NW	.0	.0	.0	9.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	7.4
NNW	.0	3.7	.0	10.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.8	6.3
CALM	.0	12.0													.0	12.0	
TOTAL	.1	34.3	.1	64.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.2	100	5.3

BRO BROWNSVILLE, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRO BROWNSVILLE, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

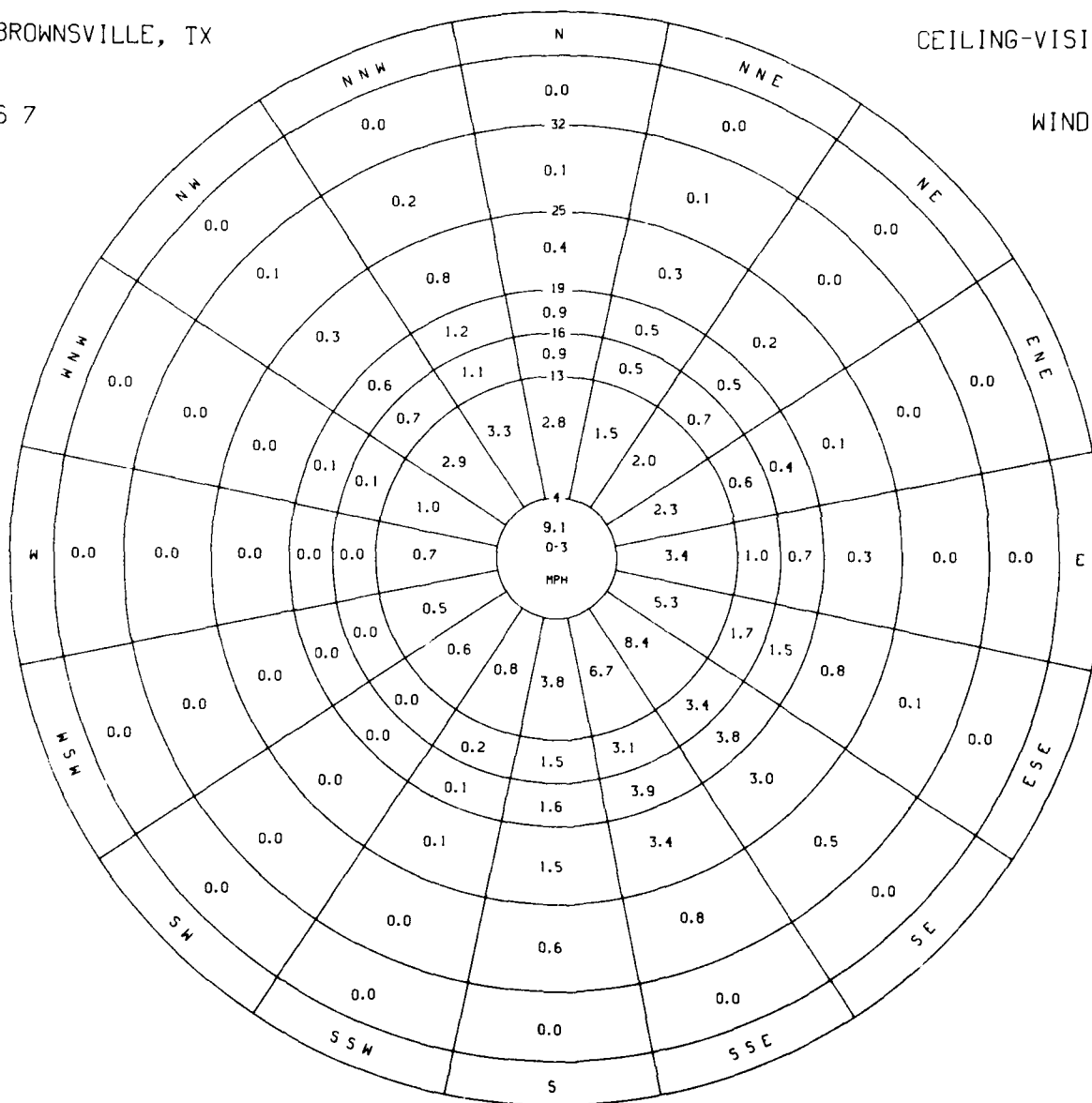
STATION NUMBER: 12919

NO. OBS.: 451

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	5.3
NNE	.0	1.3	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.5
NE	.0	1.1	.0	1.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.5
ENE	.0	.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.4
E	.0	1.8	.0	2.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.9	5.5
ESE	.0	2.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	5.1
SE	.0	2.7	.1	7.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	10.2	6.2
SSE	.0	2.2	.1	6.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6	5.9
S	.0	2.0	.1	6.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6	6.2
SSW	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.3
SW	.0	.7	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.8
WSW	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.5
W	.0	.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.6
WNW	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.9
NW	.0	1.8	.1	6.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.2	6.6
NNW	.0	.9	.1	6.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.2	6.6
CALM	.2	17.5													.2	17.5	
TOTAL	.5	40.1	.7	57.2	.0	2.0	.0	.7	.0	.0	.0	.0	.0	.0	1.2	100	4.9

CLASS 7

WIND GRAPH

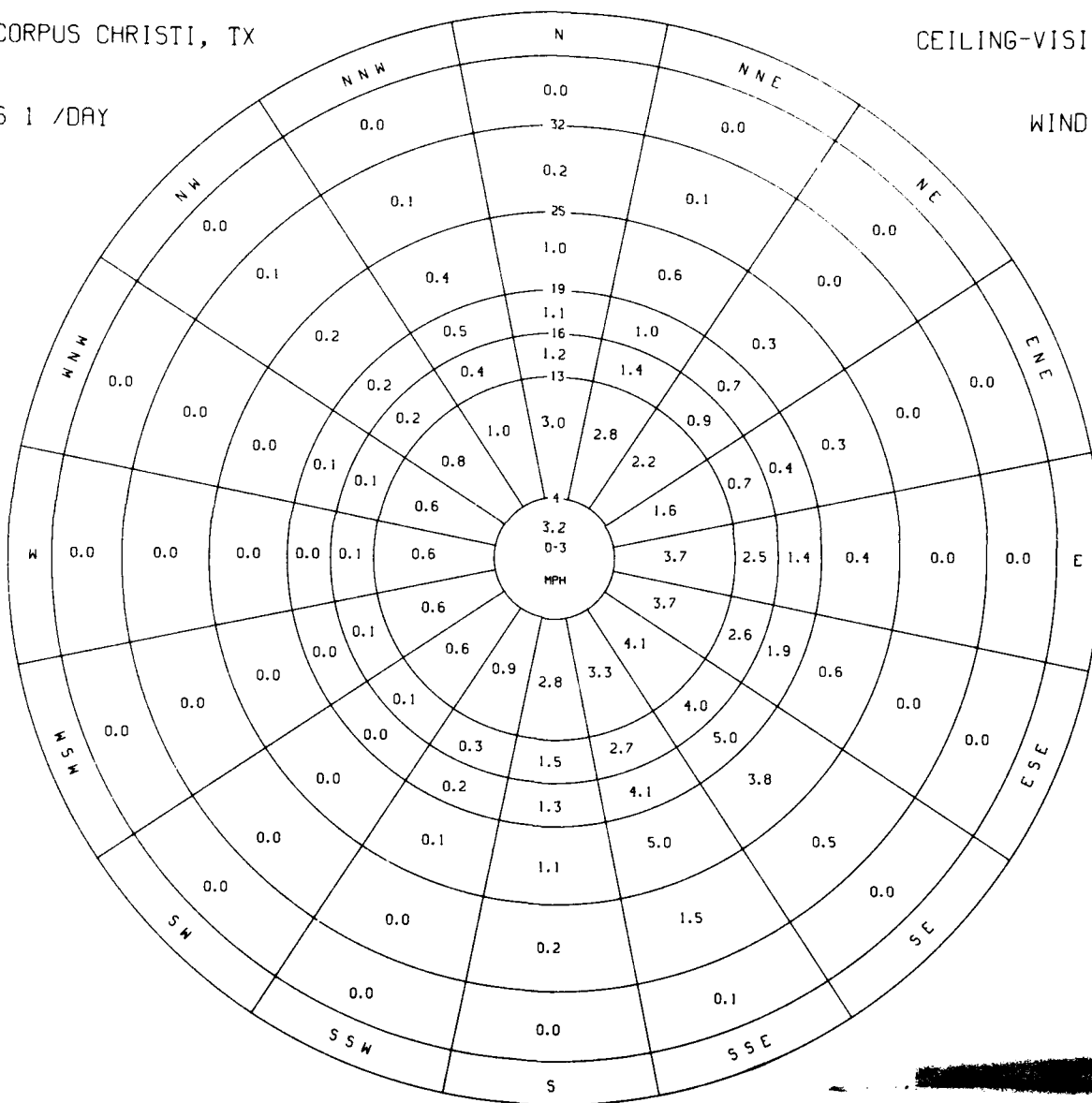


CRP CORPUS CHRISTI, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 1 / DAY

STATION NUMBER: 12924

NO. OBS.: 26329

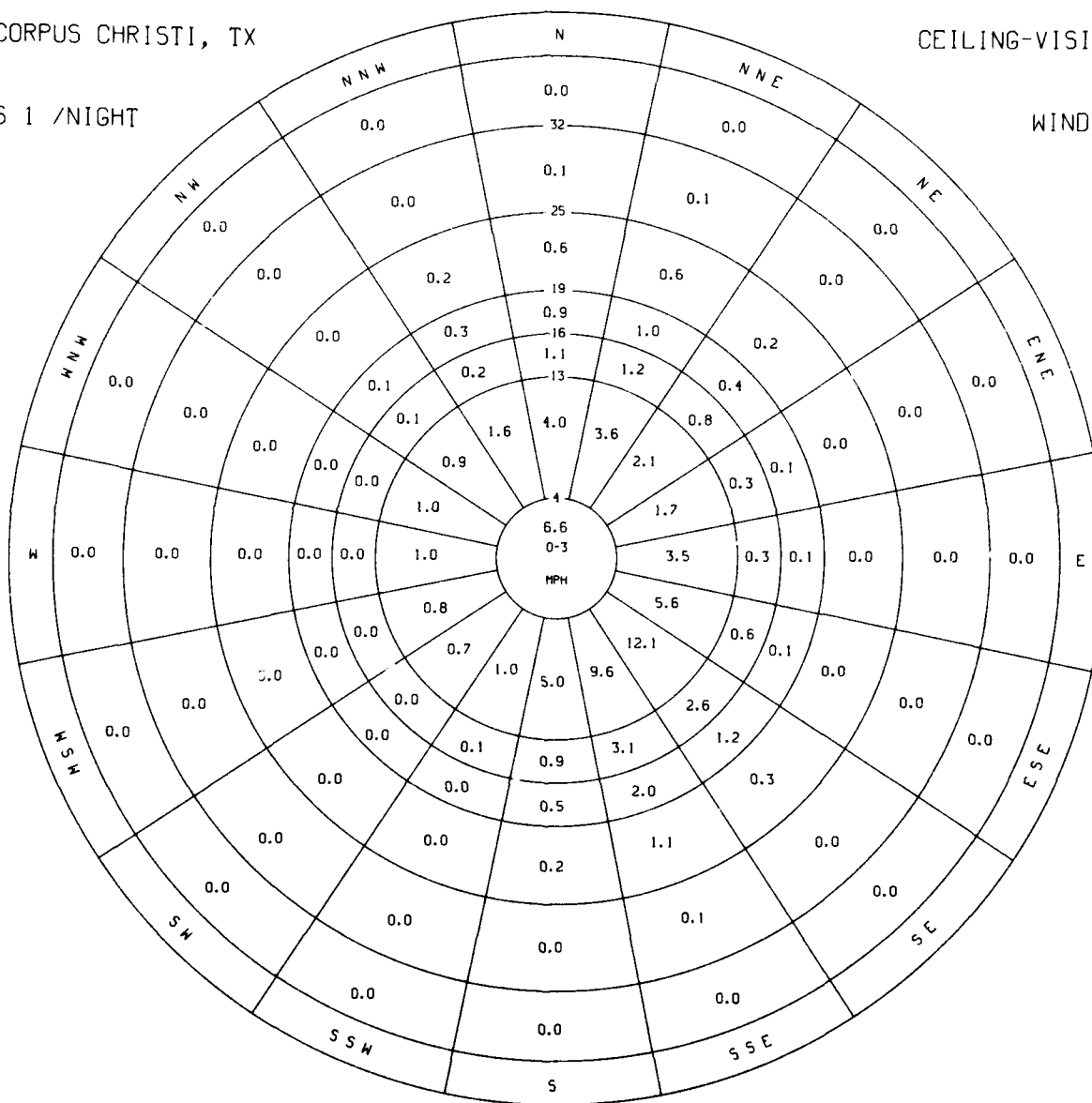
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.2	3.0	3.4	1.2	1.4	1.1	1.3	1.0	1.1	.2	.2	.0	.0	6.7	7.5	13.2
NNE	.1	.1	2.8	3.1	1.4	1.5	1.0	1.2	.6	.7	.1	.1	.0	.0	6.0	6.7	12.8
NE	.1	.1	2.2	2.4	.9	1.0	.7	.8	.3	.4	.0	.0	.0	.0	4.3	4.8	12.2
ENE	.1	.1	1.6	1.8	.7	.8	.4	.4	.3	.3	.0	.0	.0	.0	3.0	3.3	11.9
E	.1	.2	3.7	4.1	2.5	2.9	1.4	1.6	.4	.5	.0	.0	.0	.0	8.2	9.3	12.5
ESE	.2	.2	3.7	4.2	2.6	2.9	1.9	2.1	.6	.7	.0	.0	.0	.0	9.0	10.2	12.7
SE	.2	.2	4.1	4.6	4.0	4.5	5.0	5.6	3.8	4.2	.5	.6	.0	.0	17.5	19.7	15.5
SSE	.1	.2	3.3	3.8	2.7	3.0	4.1	4.6	5.0	5.6	1.5	1.7	.1	.1	16.8	18.9	17.1
S	.2	.3	2.8	3.1	1.5	1.6	1.3	1.5	1.1	1.2	.2	.3	.0	.0	7.1	8.0	13.8
SSW	.1	.1	.9	1.1	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	1.6	1.8	10.8
SW	.1	.1	.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0	9.1
WSW	.1	.1	.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	8.2
W	.1	.1	.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0	8.6
WNW	.1	.1	.6	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.9	1.0	10.5
NW	.1	.1	.8	.9	.2	.3	.2	.3	.2	.2	.1	.1	.0	.0	1.6	1.8	12.8
NNW	.1	.1	1.0	1.1	.4	.5	.5	.5	.4	.5	.1	.2	.0	.0	2.5	2.8	13.9
CALM	1.2	1.4													1.2	1.4	
TOTAL	3.2	3.5	32.2	36.2	18.7	21.0	18.1	20.4	13.8	15.5	2.8	3.2	.2	.2	89.0	100	13.8

CRP CORPUS CHRISTI, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 1 / NIGHT

STATION NUMBER: 12924

NO. OBS.: 19028

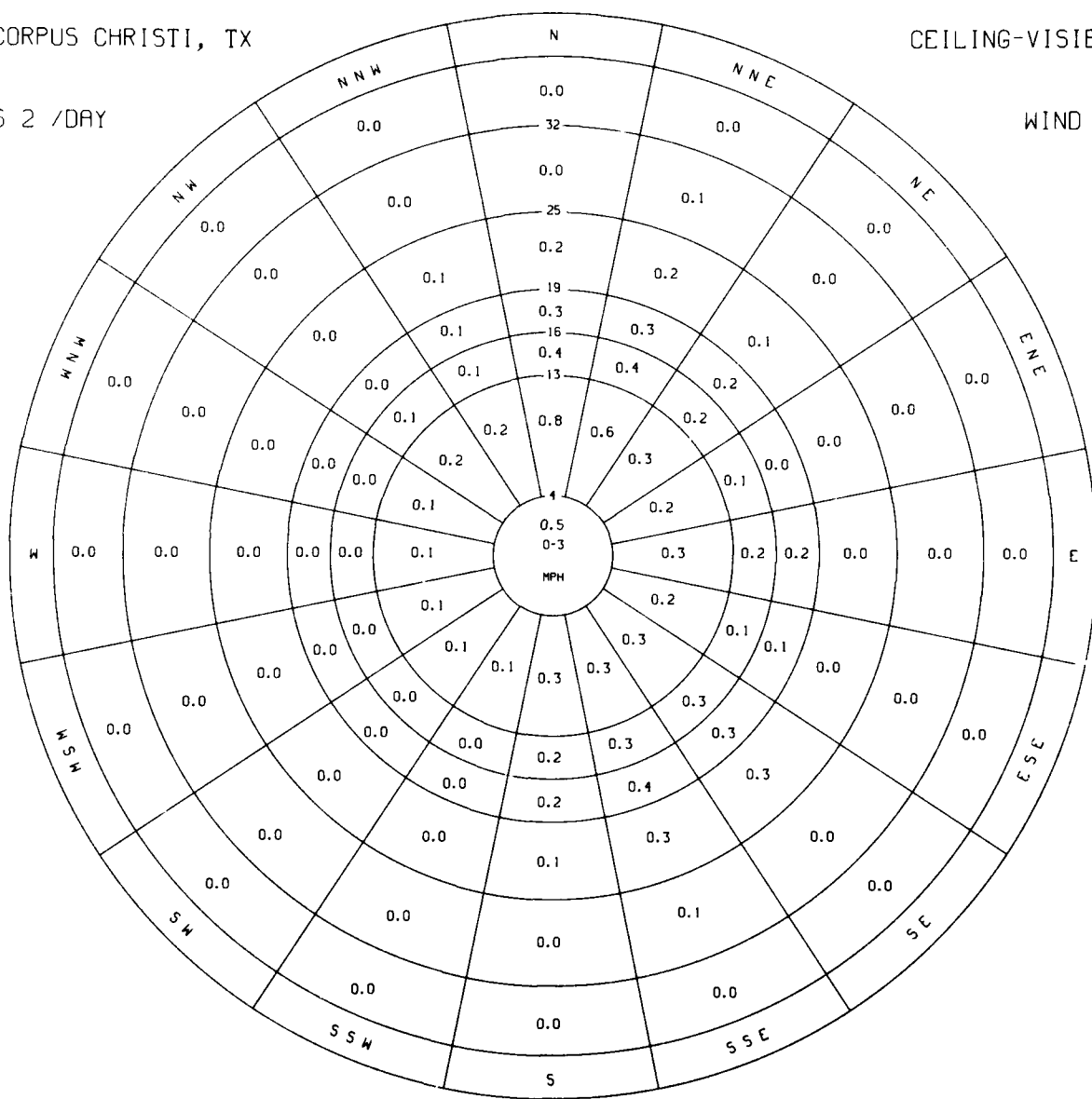
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	.3	4.0	4.9	1.1	1.3	.9	1.1	.6	.7	.1	.1	.0	.0	7.0	8.4	11.4
NNE	.2	.2	3.6	4.3	1.2	1.5	1.0	1.2	.6	.7	.1	.1	.0	.0	6.7	8.0	12.0
NE	.2	.2	2.1	2.6	.8	.9	.4	.5	.2	.2	.0	.0	.0	.0	3.7	4.5	11.0
ENE	.1	.2	1.7	2.0	.3	.3	.1	.1	.0	.1	.0	.0	.0	.0	2.2	2.7	8.6
E	.4	.5	3.5	4.2	.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	4.4	5.3	7.8
ESE	.4	.5	5.6	6.8	.6	.7	.1	.2	.0	.1	.0	.0	.0	.0	6.9	8.3	8.0
SE	.6	.7	12.1	14.7	2.6	3.1	1.2	1.4	.3	.3	.0	.0	.0	.0	16.8	20.3	9.6
SSE	.4	.5	9.6	11.6	3.1	3.7	2.0	2.4	1.1	1.3	.1	.1	.0	.0	16.3	19.7	11.3
S	.4	.5	5.0	6.0	.9	1.1	.5	.6	.2	.3	.0	.0	.0	.0	7.0	8.4	9.4
SSW	.1	.2	1.0	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	6.9
SW	.1	.2	.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.1	6.5
WSW	.1	.1	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.1	6.8
W	.1	.1	1.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.4	6.6
WNW	.1	.1	1.0	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.5	7.3
NW	.1	.1	.9	1.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.2	1.4	8.1
NNW	.1	.1	1.6	1.9	.2	.3	.3	.4	.2	.2	.0	.1	.0	.0	2.4	3.0	10.4
CALM	2.9	3.5													2.9	3.5	
TOTAL	6.6	8.0	54.3	65.6	11.4	13.7	6.8	8.2	3.3	4.0	.4	.5	.0	.0	82.7	100	9.6

CRP CORPUS CHRISTI, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1970

CLASS 2 / DAY

STATION NUMBER: 12924

NO. OBS.: 326

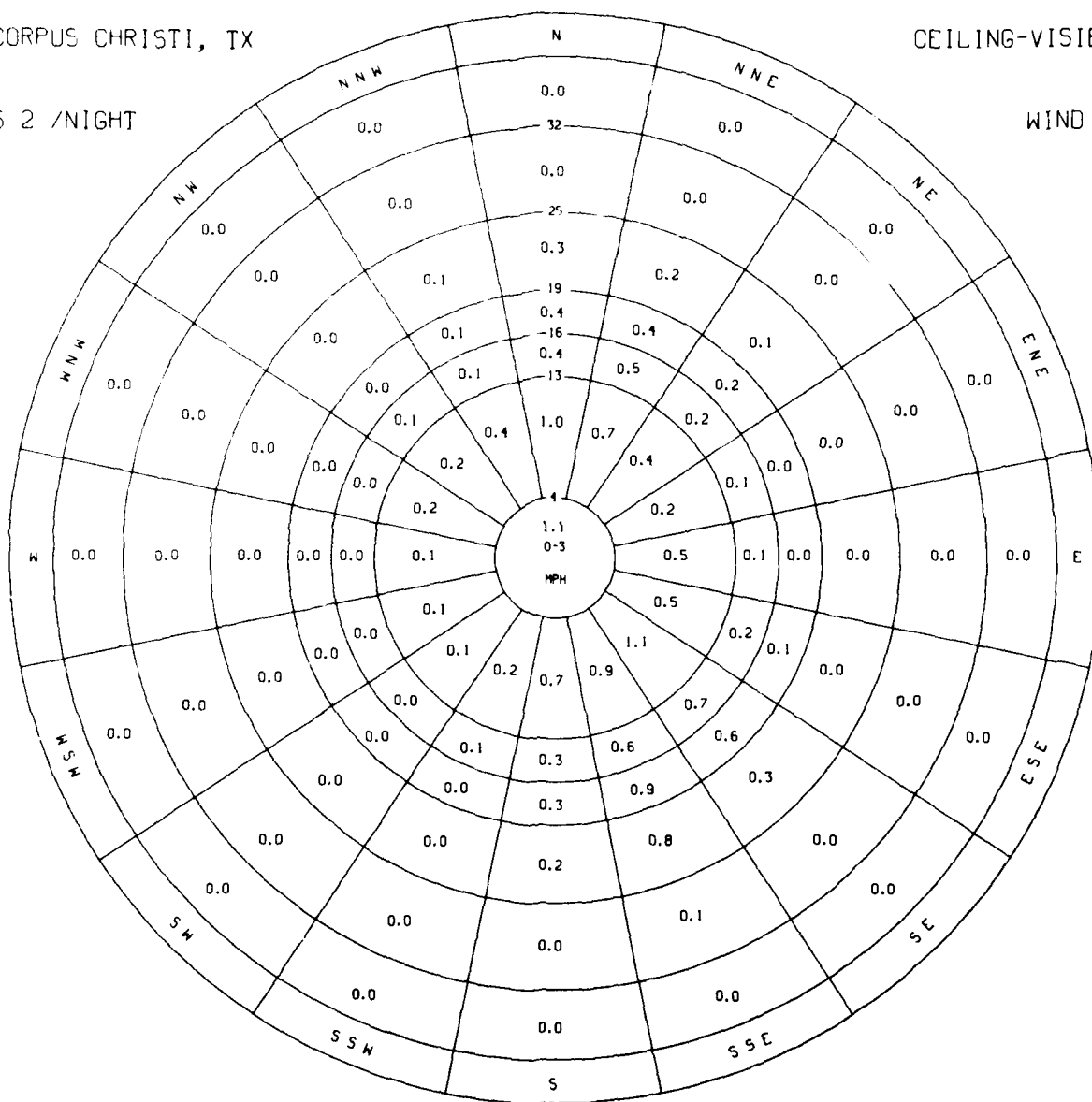
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.8	7.0	.4	3.8	.3	2.6	.2	1.9	.0	.2	.0	.0	1.7	15.9	13.1
NNE	.0	.3	.6	5.2	.4	3.5	.3	2.7	.2	2.2	.1	.6	.0	.0	1.6	14.5	14.2
NE	.0	.1	.3	3.1	.2	1.8	.2	1.7	.1	1.2	.0	.2	.0	.0	.9	8.1	13.8
ENE	.0	.1	.2	1.7	.1	.9	.0	.4	.0	.4	.0	.0	.0	.0	.4	3.5	12.6
E	.0	.1	.3	2.5	.2	1.4	.2	1.4	.0	.4	.0	.1	.0	.1	.7	5.9	13.5
ESE	.0	.2	.2	2.2	.1	.9	.1	.8	.0	.4	.0	.0	.0	.0	.5	4.6	12.8
SE	.0	.2	.3	2.5	.3	2.3	.3	2.8	.3	2.8	.0	.2	.0	.0	1.2	10.9	15.6
SSE	.0	.1	.3	2.8	.3	2.9	.4	3.3	.3	3.1	.1	.7	.0	.0	1.4	13.0	16.2
S	.0	.1	.3	2.5	.2	1.6	.2	1.4	.1	1.2	.0	.2	.0	.0	.8	7.0	14.1
SSW	.0	.1	.1	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	9.2
SW	.0	.1	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	7.8
WSW	.0	.2	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	7.4
W	.0	.0	.1	.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	1.1	9.0
WNW	.0	.0	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1	.1	1.3	10.8
NW	.0	.1	.2	1.5	.1	.6	.0	.3	.0	.4	.0	.1	.0	.1	.3	3.2	14.0
NNW	.0	.1	.2	2.2	.1	1.1	.1	1.0	.1	.7	.0	.2	.0	.0	.6	5.3	13.4
CALM	.2	2.1													.2	2.1	
TOTAL	.5	4.3	4.2	37.7	2.4	21.8	2.1	18.7	1.6	14.8	.3	2.4	.0	.4	11.0	100	13.6

CRP CORPUS CHRISTI, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-197

CLASS 2 / NIGHT

STATION NUMBER: 12524

NO. OBS.: 397

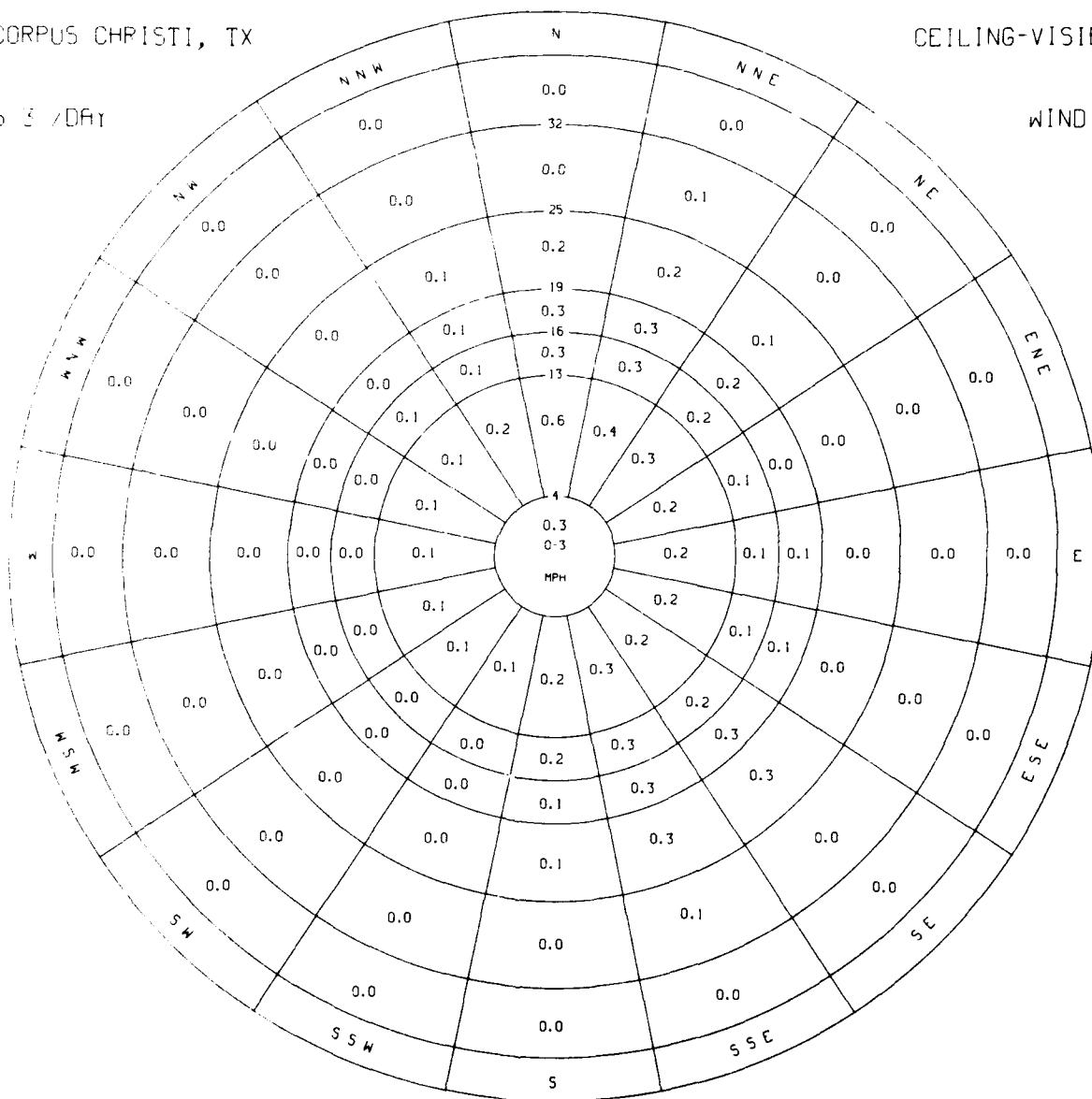
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	1.0	5.6	.4	2.4	.4	2.2	.3	1.5	.0	.3	.0	.0	2.1	12.2	13.2
NNE	.0	.3	.7	4.3	.5	2.8	.4	2.2	.2	1.4	.0	.3	.0	.1	2.0	11.3	13.7
NE	.0	.2	.4	2.2	.2	1.1	.2	1.0	.1	.6	.0	.0	.0	.0	.9	5.1	12.8
ENE	.0	.1	.2	1.4	.1	.5	.0	.3	.0	.2	.0	.1	.0	.0	.4	2.4	11.1
E	.0	.2	.5	2.6	.1	.7	.0	.3	.0	.2	.0	.0	.0	.0	.7	4.0	10.1
ESE	.0	.2	.5	2.8	.2	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.9	5.1	11.6
SE	.0	.2	1.1	6.1	.7	3.9	.6	3.8	.3	2.0	.0	.2	.0	.0	2.8	16.2	13.6
SSE	.1	.3	.9	4.9	.6	3.7	.9	5.4	.8	4.8	.1	.8	.0	.1	3.4	19.9	15.8
S	.1	.4	.7	3.8	.3	1.9	.3	1.6	.2	1.1	.0	.2	.0	.0	1.5	9.0	12.8
SSW	.0	.1	.2	1.3	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.8	9.3
SW	.0	.2	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	7.2
WSW	.0	.2	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	6.0
W	.0	.3	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	7.8
WNW	.0	.1	.2	.9	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.3	9.0
NW	.0	.2	.2	1.1	.1	.3	.0	.3	.0	.1	.0	.0	.0	.0	.4	2.0	10.9
NNW	.0	.2	.4	2.1	.1	.9	.1	.5	.1	.4	.0	.1	.0	.1	.7	4.2	12.4
CALM	.5	2.9													.5	2.9	
TOTAL	1.1	6.2	7.1	40.9	3.5	20.0	3.2	18.3	2.2	12.5	.3	1.8	.1	.4	17.3	100	12.8

CRP CORPUS CHRISTI, TX

CLASS 3 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 3 / DAY

STATION NUMBER: 12924

NO. OBS.: 2768

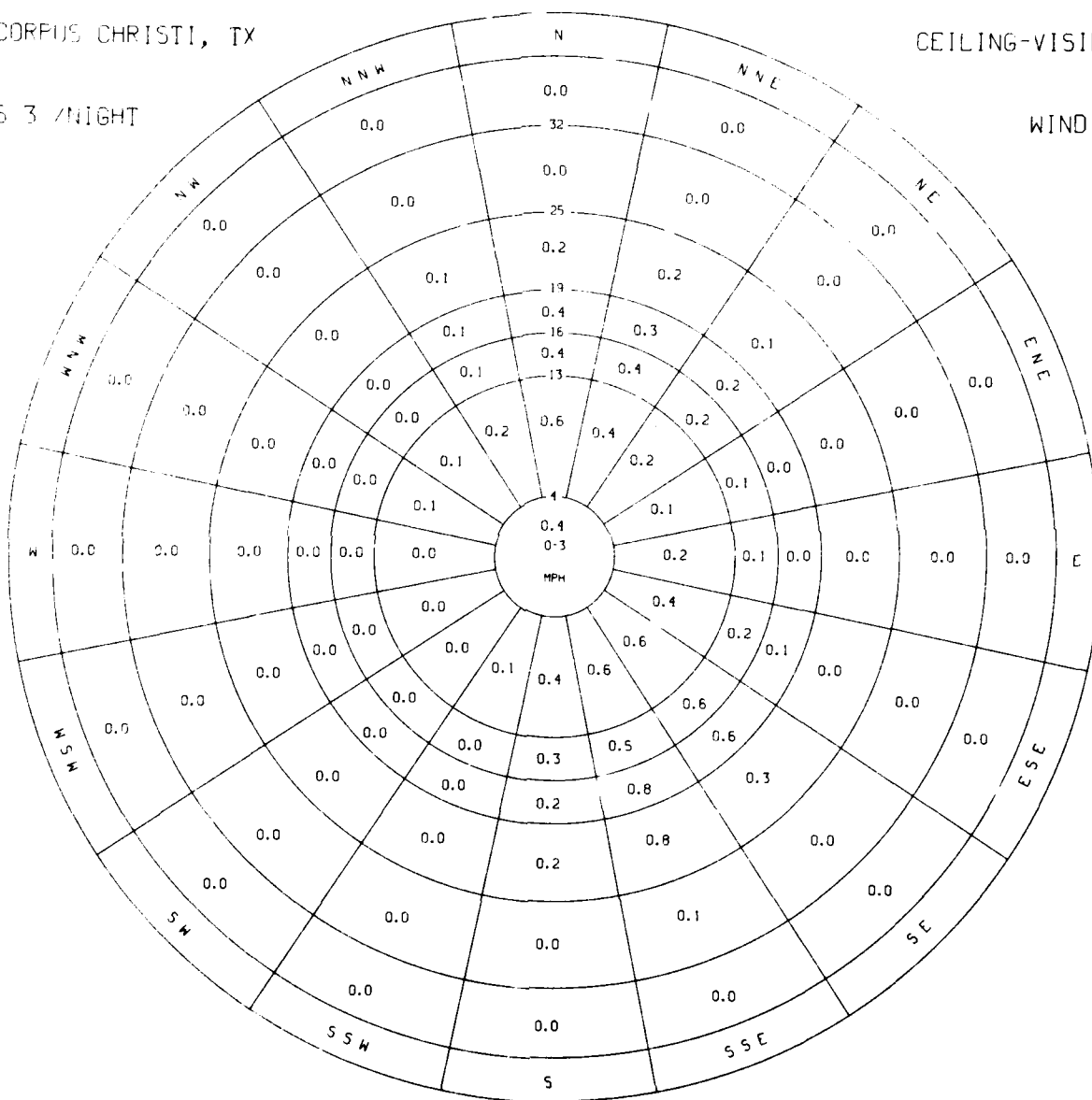
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.6	6.3	.3	3.7	.3	3.0	.2	2.2	.0	.2	.0	.0	1.5	15.6	13.6
NNE	.0	.1	.4	4.4	.3	3.4	.3	2.9	.2	2.5	.1	.6	.0	.0	1.3	14.0	14.9
NE	.0	.0	.3	2.7	.2	1.9	.2	1.9	.1	1.3	.0	.2	.0	.0	.7	7.9	14.4
ENE	.0	.0	.2	1.8	.1	.9	.0	.4	.0	.4	.0	.0	.0	.0	.3	3.5	12.8
E	.0	.1	.2	2.5	.1	1.4	.1	1.5	.0	.4	.0	.1	.0	.1	.6	6.1	13.7
ESE	.0	.1	.2	1.8	.1	1.0	.1	.9	.0	.5	.0	.0	.0	.0	.4	4.4	13.6
SE	.0	.1	.2	2.5	.2	2.5	.3	3.2	.3	3.2	.0	.3	.0	.0	1.1	11.8	16.0
SSE	.0	.1	.3	2.7	.3	3.1	.3	3.7	.3	3.6	.1	.8	.0	.0	1.3	14.1	16.5
S	.0	.1	.2	2.4	.2	1.7	.1	1.4	.1	1.4	.0	.2	.0	.0	.7	7.2	14.5
SSW	.0	.1	.1	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	9.6
SW	.0	.1	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	7.6
WSW	.0	.2	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	7.8
W	.0	.0	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.0	9.3
WNW	.0	.0	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1	.1	1.0	12.1
NW	.0	.1	.1	1.2	.1	.6	.0	.3	.0	.4	.0	.1	.0	.1	.3	2.9	15.1
NNW	.0	.1	.2	2.0	.1	1.2	.1	1.2	.1	.8	.0	.2	.0	.0	.5	5.4	14.0
CALM	.1	1.3													.1	1.3	
TOTAL	.3	2.9	3.2	34.2	2.1	22.4	1.9	20.6	1.6	16.8	.3	2.7	.0	.4	9.4	100	14.2

CRP CORPUS CHRISTI, TX

CLASS 3 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 3 / NIGHT

STATION NUMBER: 12924

NO. OBS.: 2922

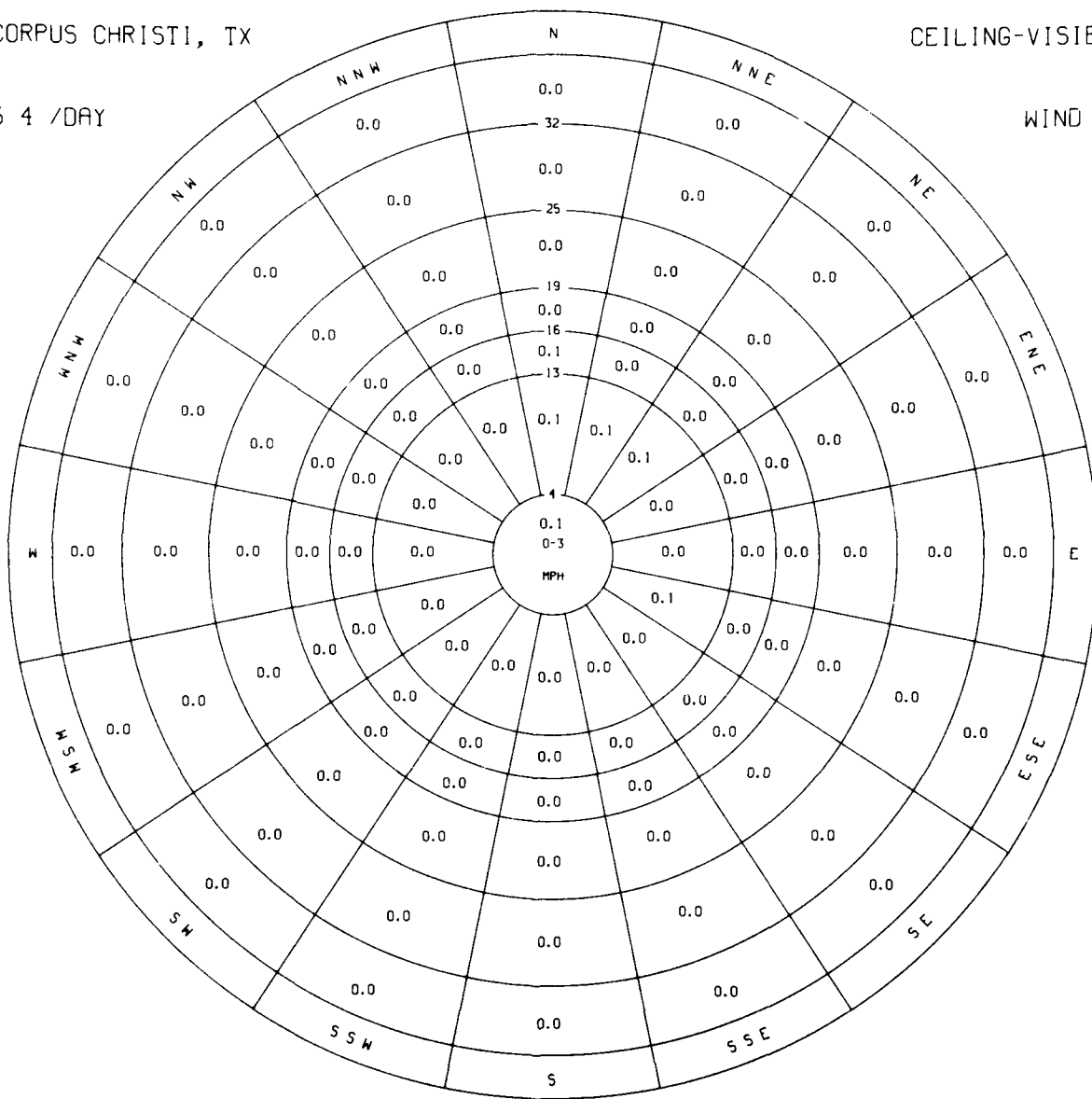
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.1	.6	5.0	.4	2.9	.4	2.8	.2	1.8	.0	.3	.0	.0	1.7	13.1	14.1
NNE	.0	.2	.4	3.4	.4	2.9	.3	2.6	.2	1.8	.0	.3	.0	.1	1.4	11.4	14.8
NE	.0	.1	.2	1.7	.2	1.3	.2	1.3	.1	.7	.0	.0	.0	.0	.7	5.3	13.9
ENE	.0	.1	.1	1.0	.1	.5	.0	.3	.0	.2	.0	.1	.0	.0	.3	2.1	12.5
E	.0	.1	.2	1.9	.1	.8	.0	.3	.0	.2	.0	.0	.0	.0	.4	3.4	11.1
ESE	.0	.1	.4	2.9	.2	1.3	.1	.9	.0	.3	.0	.0	.0	.0	.7	5.5	12.4
SE	.0	.1	.6	5.1	.6	4.7	.6	4.8	.3	2.6	.0	.3	.0	.0	2.2	17.5	14.7
SSE	.0	.2	.6	4.6	.5	4.0	.8	6.5	.8	6.0	.1	1.0	.0	.1	2.8	22.3	16.5
S	.0	.2	.4	2.9	.3	2.0	.2	1.7	.2	1.4	.0	.2	.0	.0	1.1	8.5	14.0
SSW	.0	.0	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.4	10.4
SW	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	7.9
WSW	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	6.5
W	.0	.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	10.2
WNW	.0	.0	.1	.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.0	10.7
NW	.0	.1	.1	.9	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.2	1.7	12.0
NNW	.0	.1	.2	1.6	.1	1.0	.1	.6	.1	.5	.0	.1	.0	.1	.5	4.0	13.8
CALM	.2	1.4													.2	1.4	
TOTAL	.4	3.3	4.2	33.4	2.9	22.5	2.8	22.1	2.0	15.8	.3	2.5	.1	.4	12.7	100	14.2

CRP CORPUS CHRISTI, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 4 / DAY

STATION NUMBER: 12924

NO. OBS.: 311

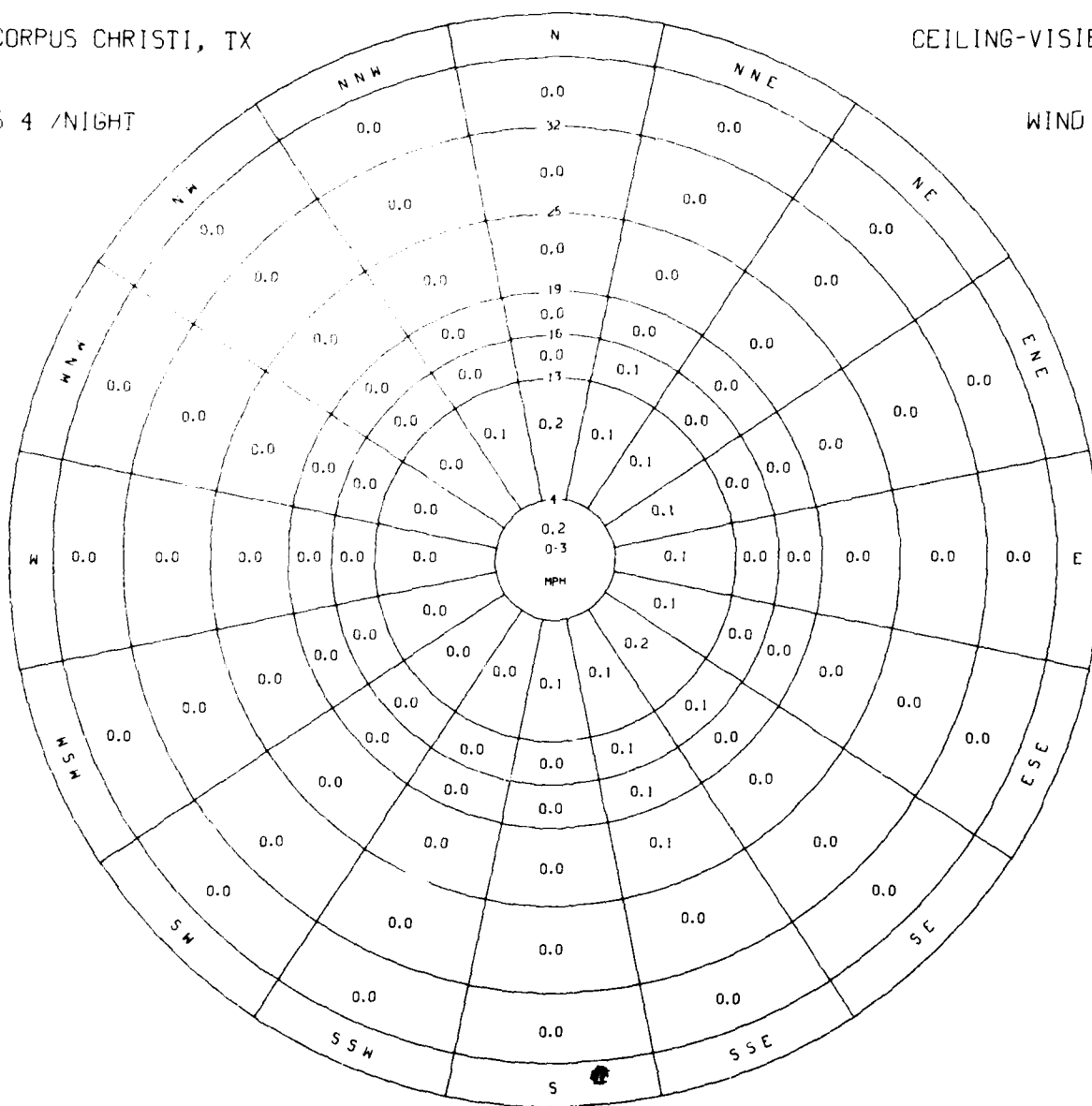
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.1	9.3	.1	6.1	.0	.6	.0	.3	.0	.0	.0	.3	.2	16.7	11.8
NNE	.0	.6	.1	10.9	.0	4.5	.0	2.6	.0	1.0	.0	.6	.0	.0	.2	20.3	12.1
NE	.0	.0	.1	5.1	.0	1.3	.0	1.0	.0	1.3	.0	.0	.0	.0	.1	8.7	12.3
ENE	.0	.3	.0	1.0	.0	1.0	.0	.6	.0	.3	.0	.0	.0	.0	.0	3.2	12.2
E	.0	.0	.0	1.9	.0	1.6	.0	1.0	.0	.6	.0	.0	.0	.0	.1	5.1	13.0
ESE	.0	.3	.1	4.8	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.1	6.4	9.1
SE	.0	1.3	.0	2.9	.0	1.9	.0	.3	.0	.3	.0	.3	.0	.0	.1	7.1	11.1
SSE	.0	.0	.0	2.9	.0	1.6	.0	1.6	.0	.6	.0	.0	.0	.0	.1	6.8	13.3
S	.0	.3	.0	2.9	.0	1.3	.0	1.6	.0	.0	.0	.0	.0	.0	.1	6.1	11.2
SSW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
SW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	10.2
WSW	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.0
W	.0	.0	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	9.7
WNW	.0	.3	.0	1.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.3	7.6
NW	.0	.0	.0	2.6	.0	1.6	.0	.3	.0	.3	.0	.0	.0	.0	.1	4.8	11.8
NNW	.0	.0	.0	3.5	.0	.6	.0	.6	.0	.3	.0	.0	.0	.0	.1	5.1	11.1
CALM	.0	2.9													.0	2.9	
TOTAL	.1	6.8	.6	53.1	.2	22.5	.1	11.3	.1	5.1	.0	1.0	.0	.3	1.1	100	11.2

CRP CORPUS CHRISTI, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 4 / NIGHT

STATION NUMBER: 12924

NO. OBS.: 514

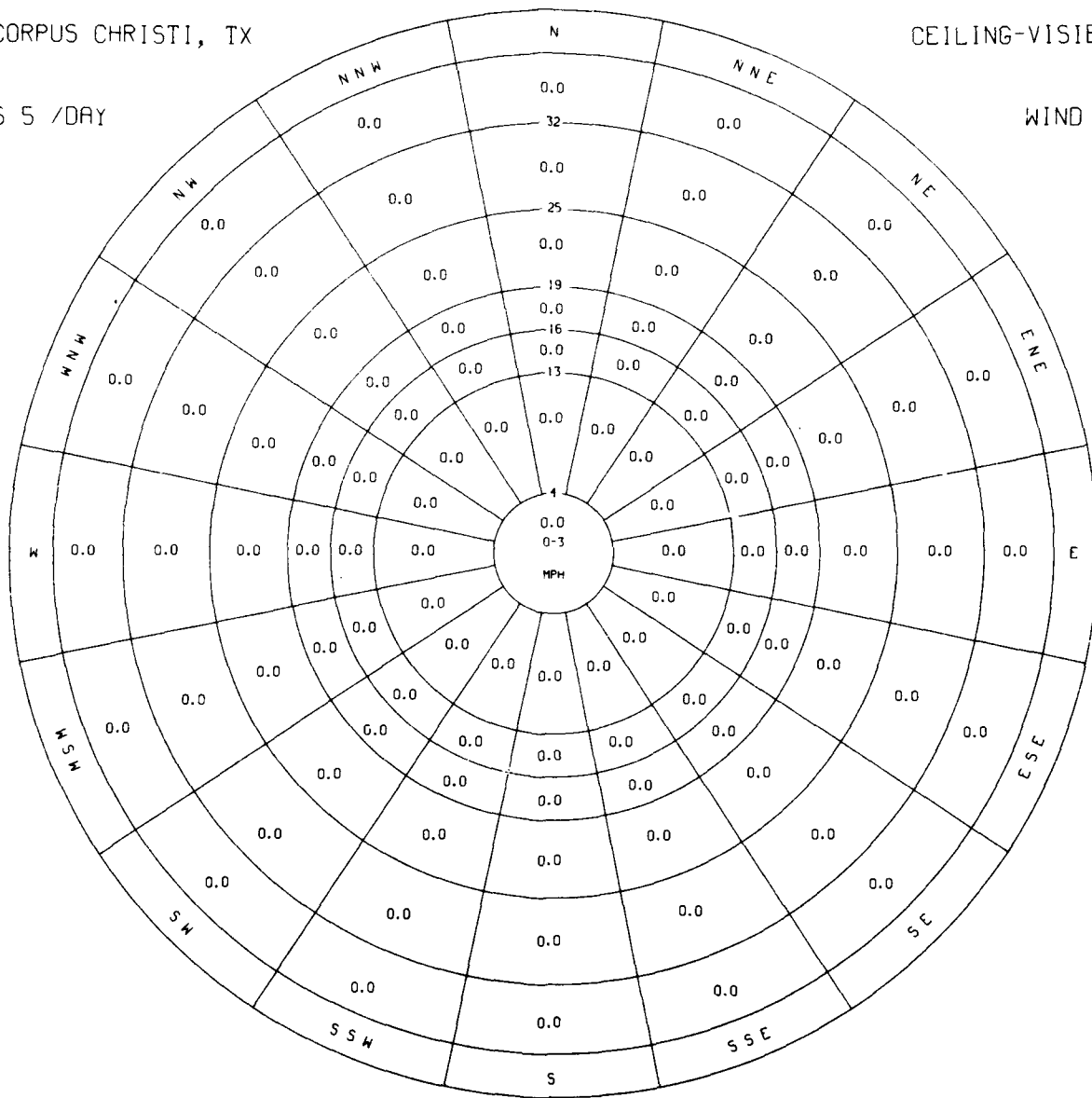
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.2	7.2	.0	1.8	.0	1.2	.0	1.2	.0	.0	.0	.0	.3	11.5	11.5
NNE	.0	.0	.1	6.0	.1	3.9	.0	2.1	.0	.8	.0	.0	.0	.0	.3	12.8	12.4
NE	.0	.2	.1	3.7	.0	.6	.0	.4	.0	.2	.0	.0	.0	.0	.1	5.1	10.0
ENE	.0	.2	.1	3.3	.0	.6	.0	.4	.0	.2	.0	.0	.0	.0	.1	4.7	9.9
E	.0	.0	.1	3.7	.0	.8	.0	.4	.0	.2	.0	.0	.0	.0	.1	5.1	10.2
ESE	.0	.4	.1	2.3	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	3.9	9.9
SE	.0	.6	.2	8.0	.1	2.7	.0	1.2	.0	.4	.0	.0	.0	.0	.3	12.8	10.5
SSE	.0	.0	.1	4.9	.1	3.9	.1	4.3	.1	2.5	.0	.2	.0	.2	.4	16.0	14.9
S	.0	.4	.1	5.1	.0	1.9	.0	2.1	.0	.6	.0	.0	.0	.0	.2	10.1	11.7
SSW	.0	.0	.0	1.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	9.0
SW	.0	.0	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.4
WSW	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.0
W	.0	.4	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.5
WNW	.0	.4	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.8
NW	.0	1.0	.0	1.8	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.1	4.1	9.7
NNW	.0	.0	.1	3.5	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.7	10.3
CALM	.1	3.9													.1	3.9	
TOTAL	.2	7.8	1.2	52.3	.5	20.4	.3	13.0	.1	6.0	.0	.2	.0	.2	2.2	100	11.0

CRP CORPUS CHRISTI, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 5 / DAY

STATION NUMBER: 12924

NO. OBS.: 86

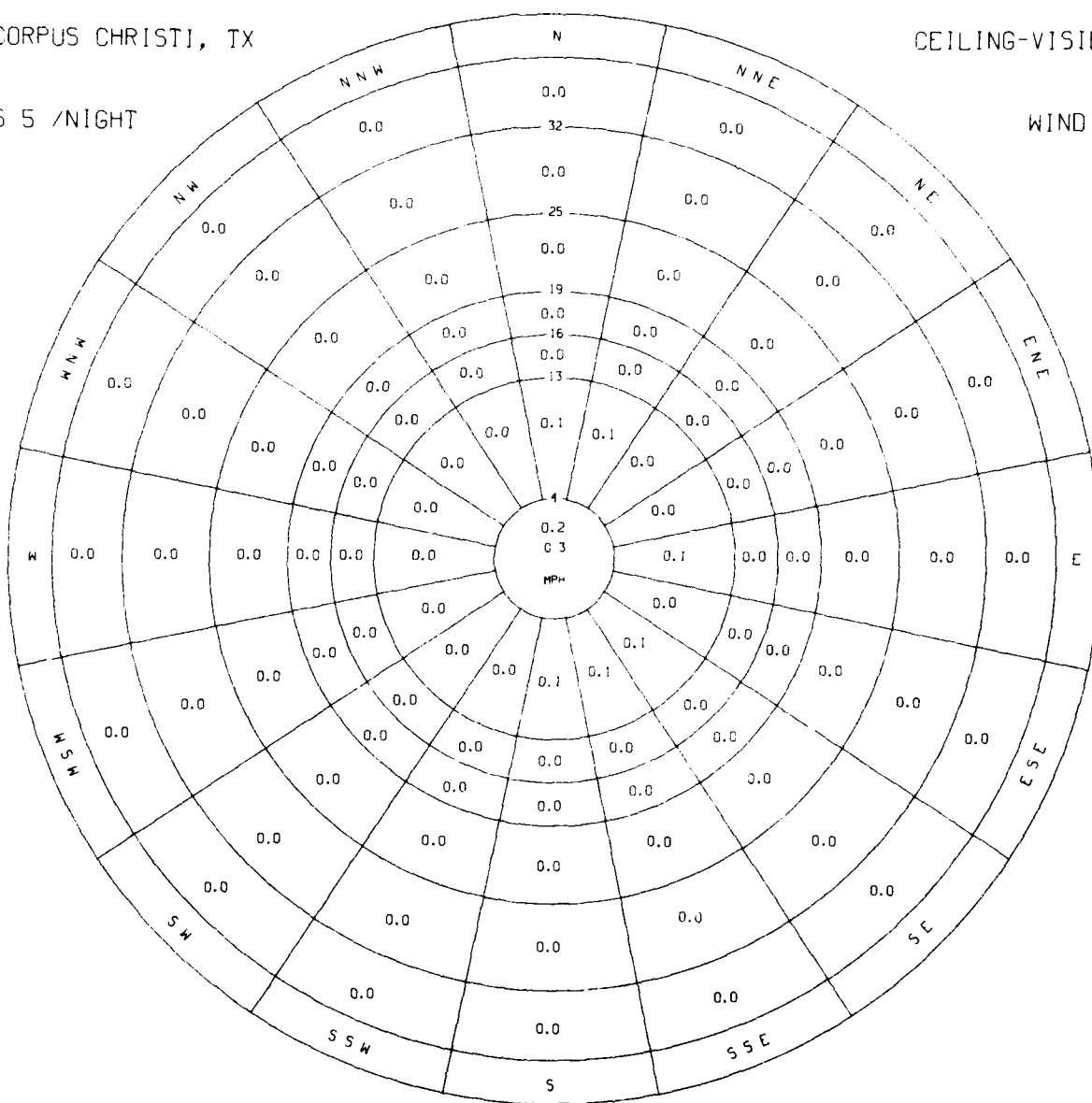
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	14.0	.0	3.5	.0	.0	.0	1.2	.0	.0	.0	.0	.1	13.6	10.6
NNE	.0	1.2	.0	4.7	.0	7.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	14.0	11.7
NE	.0	1.2	.0	3.5	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	8.0
ENE	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	9.7
E	.0	.0	.0	2.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	11.0
ESE	.0	.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	9.6
SE	.0	1.2	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.8
SSE	.0	.0	.0	4.7	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	7.0	10.0
S	.0	.0	.0	5.8	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	7.0	9.5
SSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	9.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
W	.0	.0	.0	1.2	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	2.3	11.0
WNW	.0	.0	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	9.5
NW	.0	1.2	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	7.2
NNW	.0	.0	.0	2.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	9.7
CALM	.0	10.5													.0	10.5	
TOTAL	.0	15.1	.2	61.6	.1	17.4	.0	4.7	.0	1.2	.0	.0	.0	.0	.3	100	8.7

CRP CORPUS CHRISTI, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ARP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 5 / NIGHT

STATION NUMBER: 12924

NO. OBS.: 144

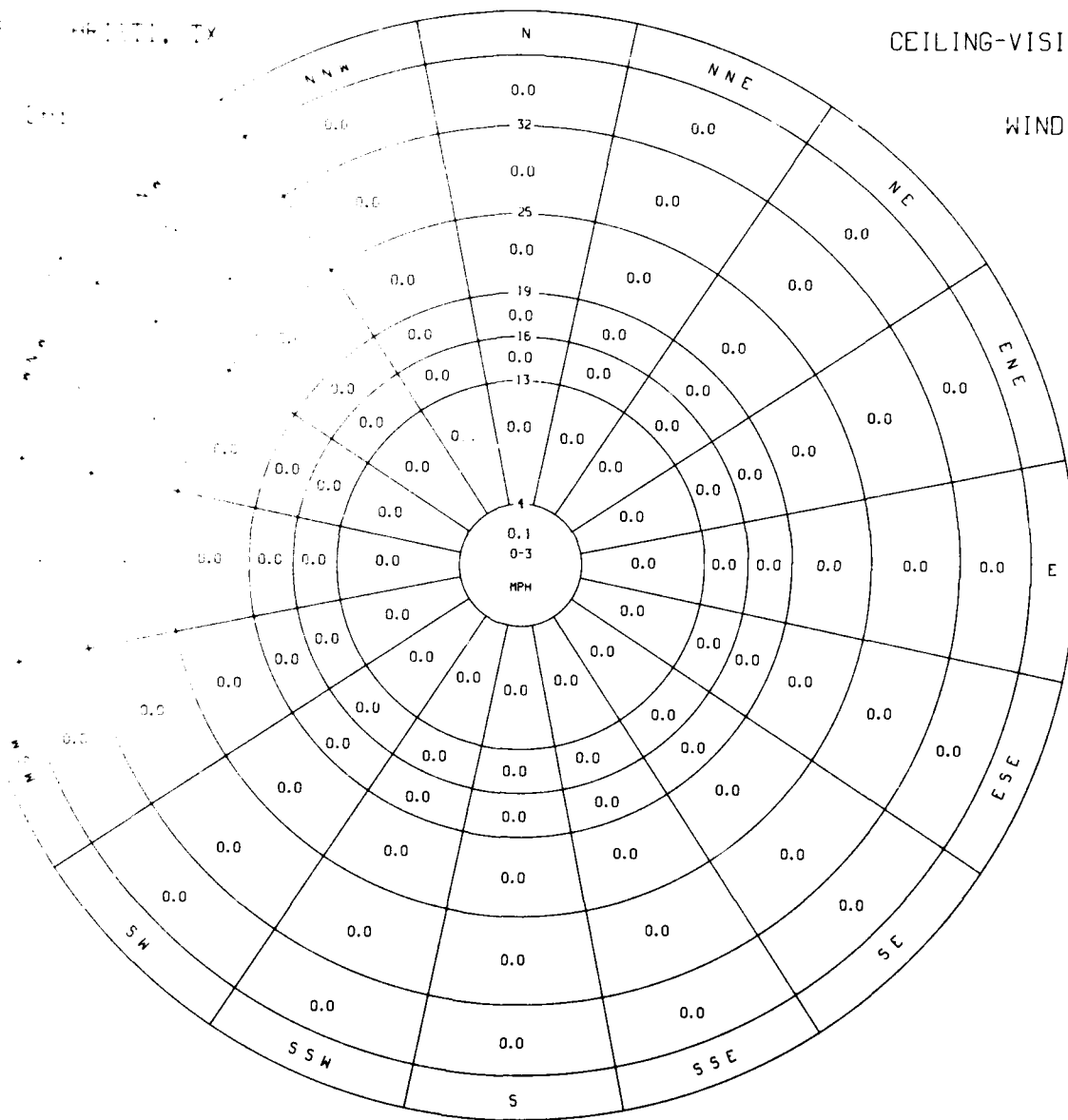
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.4	.1	8.6	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.1	9.5	8.3
NNE	.0	.8	.1	8.6	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.4	8.8
NE	.0	.4	.0	3.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	9.6
ENE	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.8
E	.0	.8	.1	7.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.2	7.6
ESE	.0	.8	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.6
SE	.0	.4	.1	10.6	.0	1.6	.0	1.2	.0	.0	.0	.0	.0	.0	.2	13.7	9.1
SSE	.0	1.6	.1	5.5	.0	2.7	.0	.8	.0	.4	.0	.0	.0	.0	.1	11.0	10.1
S	.0	1.2	.1	6.7	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.1	10.2	9.3
SSW	.0	.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.6
SW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.7
WSW	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.7
W	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.2
WNW	.0	.8	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.1
NW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	8.5
NNW	.0	.4	.0	4.3	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.1	5.5	9.4
CALM	.1	8.6													.1	8.6	
TOTAL	.2	19.2	.7	67.5	.1	9.0	.0	3.5	.0	.8	.0	.0	.0	.0	1.1	100	7.8

ORF 1000 10-10-11, TX

CLASS 1 0-1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1970

CLASS 6 / DAY

STATION NUMBER: 12924

NO. OBS.: 96

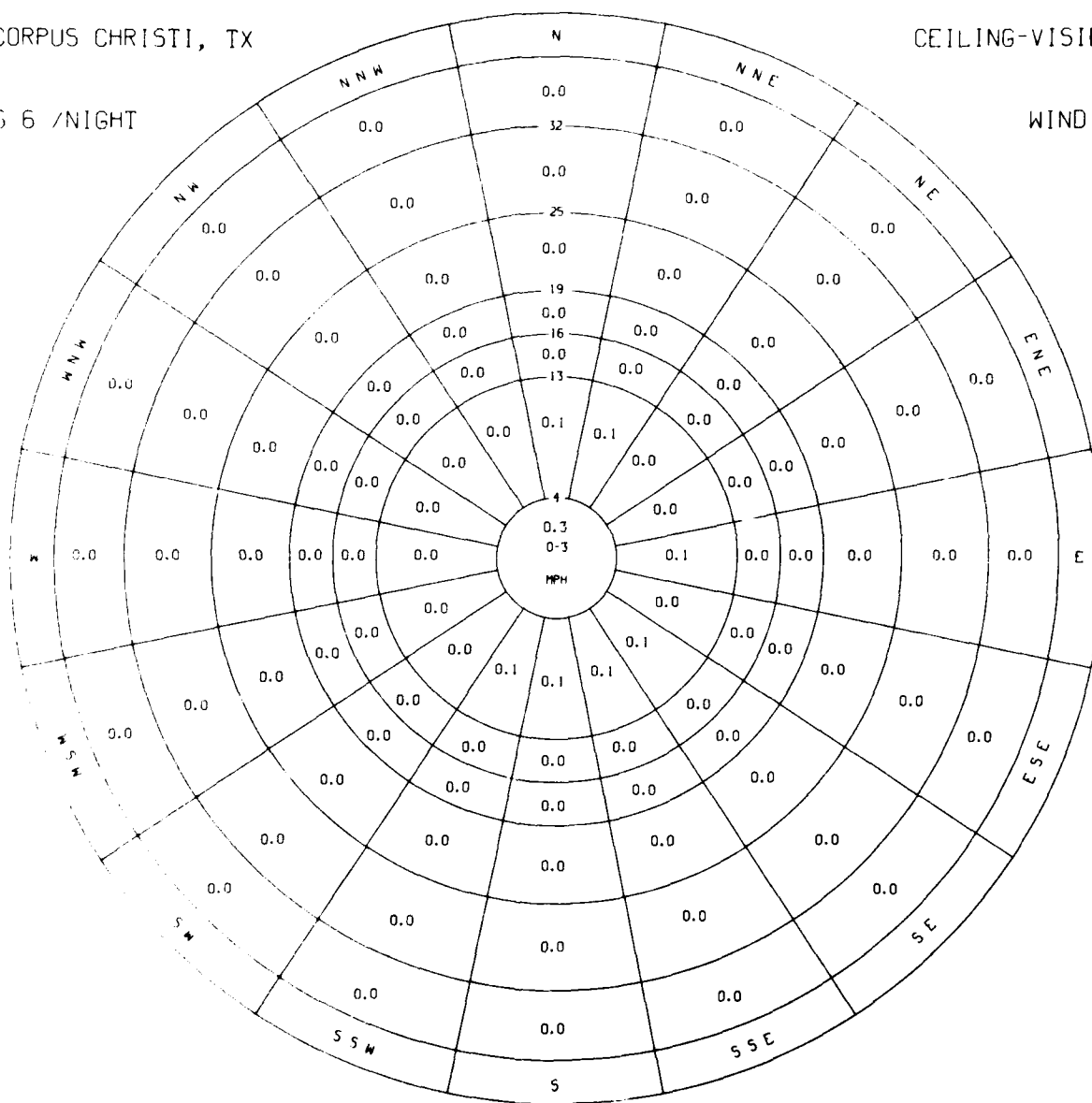
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.1	.0	14.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	16.7	7.2
NNE	.0	3.1	.0	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	6.8
NE	.0	1.0	.0	7.3	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	9.3
ENE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0
E	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.7
ESE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.0
SE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0
SSE	.0	1.0	.0	3.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	9.0
S	.0	1.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	4.2	18.5
SSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.5
SW	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.7
WSW	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.0
W	.0	1.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.2
WNW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.7
NW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.0
NNW	.0	1.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.0
CALM	.0	14.6													.0	14.6	
TOTAL	.1	27.1	.2	67.7	.0	4.2	.0	.0	.0	.0	.0	.0	.0	1.0	.3	100	6.6

CRP CORPUS CHRISTI, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CRP CORPUS CHRISTI, TX

PERIOD: 1961-1978

CLASS 6 / NIGHT

STATION NUMBER: 12924

NO. OBS.: 281

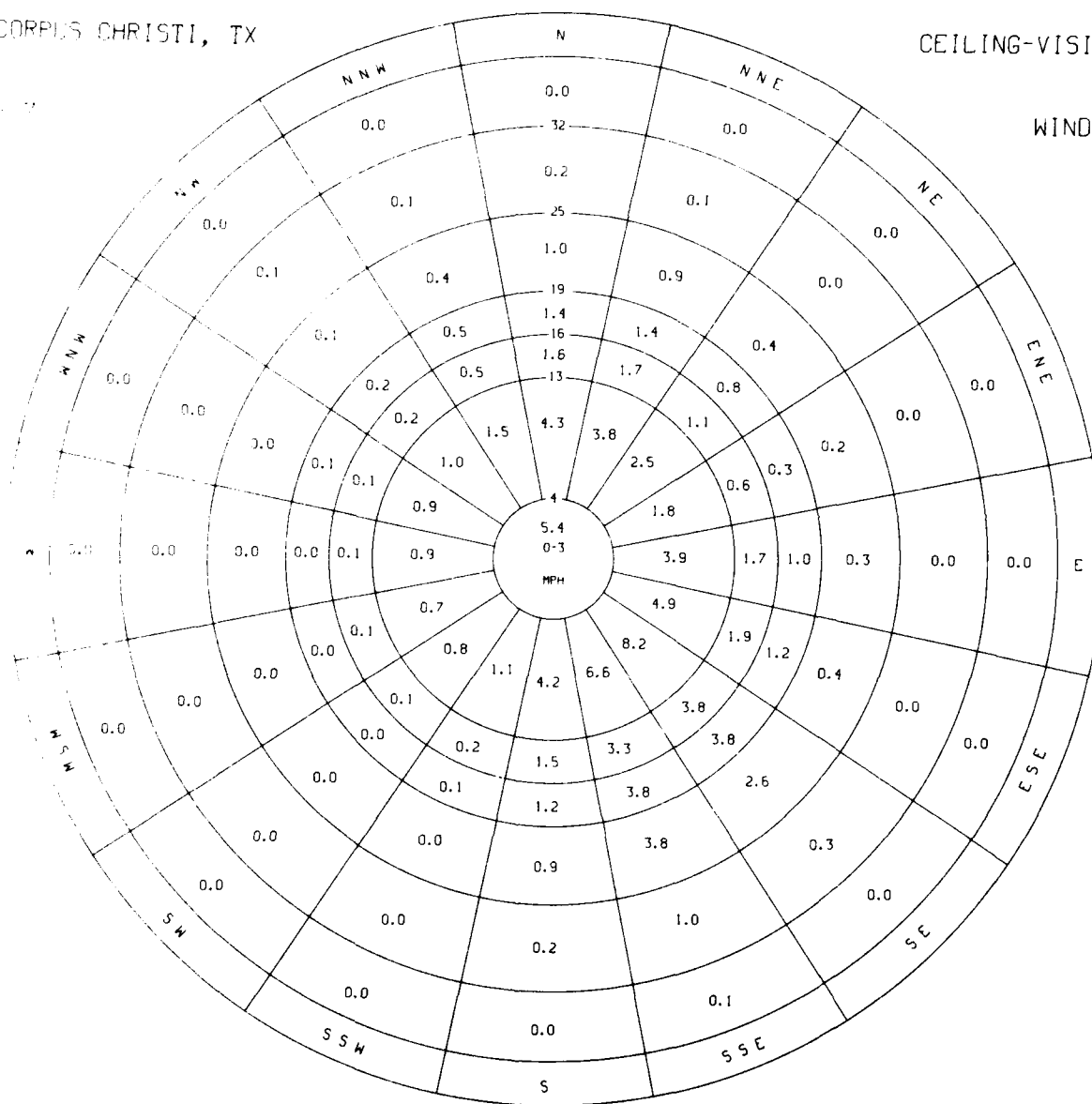
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.7	.1	5.7	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.1	7.1	7.5
NNE	.0	.7	.1	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.8	6.5
NE	.0	.4	.0	3.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	8.2
ENE	.0	.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.7
E	.0	.7	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	6.5
ESE	.0	.7	.0	3.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	7.1
SE	.0	.7	.1	9.3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	10.3	7.4
SSE	.0	1.4	.1	8.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.3	8.2
S	.0	1.1	.1	8.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.7	8.2
SSW	.0	.7	.1	5.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	7.9
SW	.0	1.4	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	6.1
WSW	.0	.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.0
W	.0	1.1	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.3
WNW	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.4
NW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.8
NNW	.0	1.1	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	5.8
CALM	.1	11.0													.1	11.0	
TOTAL	.3	22.4	.9	73.3	.0	3.6	.0	.7	.0	.0	.0	.0	.0	.0	1.2	100	6.4

CRF CORPUS CHRISTI, TX

11 FEB 77

CEILING-VISIBILITY

WIND GRAPH

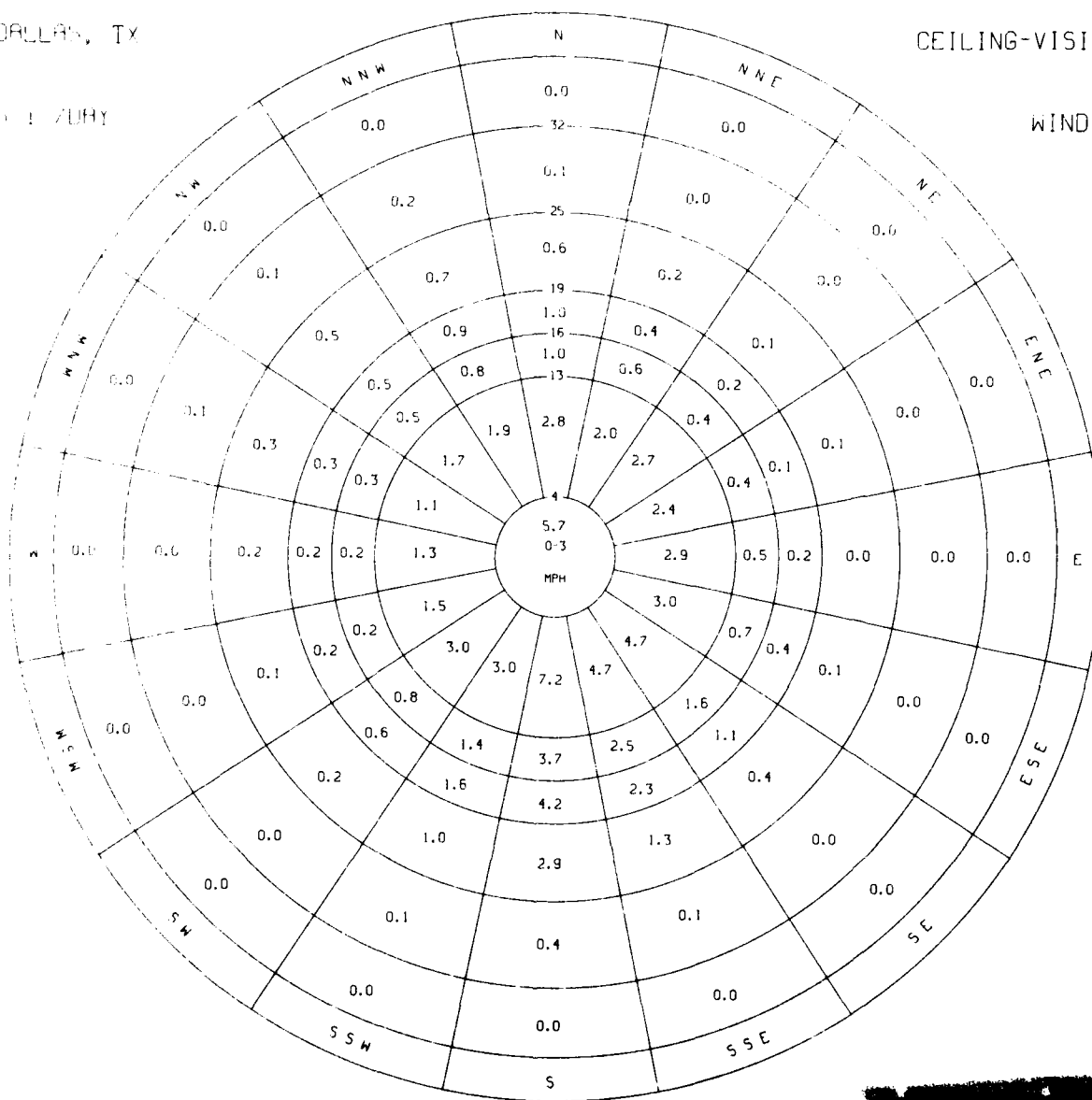


DAL DALLAS, TX

CLASS 1 ZURY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 13960

NO. OBS.: 43445

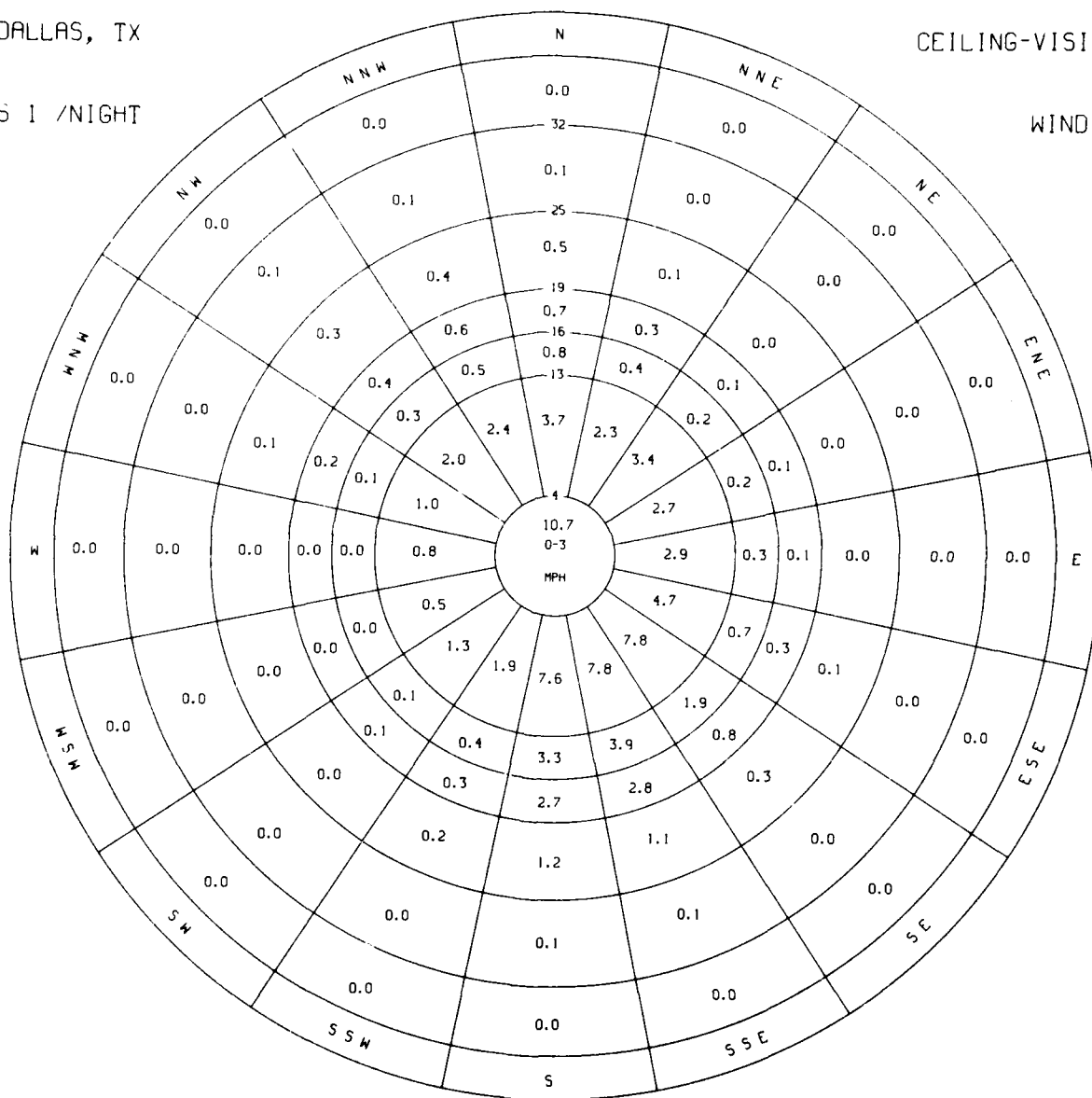
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.4	2.8	3.1	1.0	1.1	1.0	1.1	.6	.7	.1	.1	.0	.0	5.9	6.5	12.2
NNE	.2	.3	2.0	2.2	.6	.6	.4	.5	.2	.2	.0	.0	.0	.0	3.5	3.8	10.7
NE	.5	.5	2.7	3.0	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	3.9	4.3	8.7
ENE	.2	.2	2.4	2.6	.4	.4	.1	.1	.1	.1	.0	.0	.0	.0	3.2	3.5	9.0
E	.3	.3	2.9	3.2	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	3.9	4.2	9.0
ESE	.2	.2	3.0	3.3	.7	.7	.4	.4	.1	.1	.0	.0	.0	.0	4.4	4.8	10.1
SE	.3	.4	4.7	5.2	1.6	1.7	1.1	1.2	.4	.4	.0	.0	.0	.0	8.2	8.9	11.3
SSE	.2	.2	4.7	5.2	2.5	2.8	2.3	2.5	1.3	1.4	.1	.1	.0	.0	11.2	12.2	13.4
S	.4	.4	7.2	7.9	3.7	4.0	4.2	4.6	2.9	3.2	.4	.4	.0	.0	18.8	20.6	14.0
SSW	.2	.2	3.0	3.3	1.4	1.6	1.6	1.8	1.0	1.1	.1	.1	.0	.0	7.4	8.1	13.4
SW	.4	.4	3.0	3.2	.8	.9	.6	.6	.2	.2	.0	.0	.0	.0	5.0	5.4	10.5
WSW	.2	.2	1.5	1.7	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.2	2.4	9.7
W	.3	.4	1.3	1.4	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	2.2	2.4	9.6
WNW	.2	.2	1.1	1.2	.3	.3	.3	.3	.3	.3	.1	.1	.0	.0	2.2	2.4	11.8
NW	.3	.3	1.7	1.9	.5	.6	.5	.6	.5	.6	.1	.2	.0	.0	3.7	4.0	12.5
NNW	.2	.2	1.9	2.0	.8	.9	.9	1.0	.7	.8	.2	.2	.0	.0	4.6	5.0	13.6
CALM	1.4	1.5													1.4	1.5	
TOTAL	5.7	6.2	46.1	50.3	15.7	17.1	14.2	15.5	8.7	9.5	1.2	1.3	.1	.1	91.5	100	11.8

DAL DALLAS, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 13960

NO. OBS.: 36422

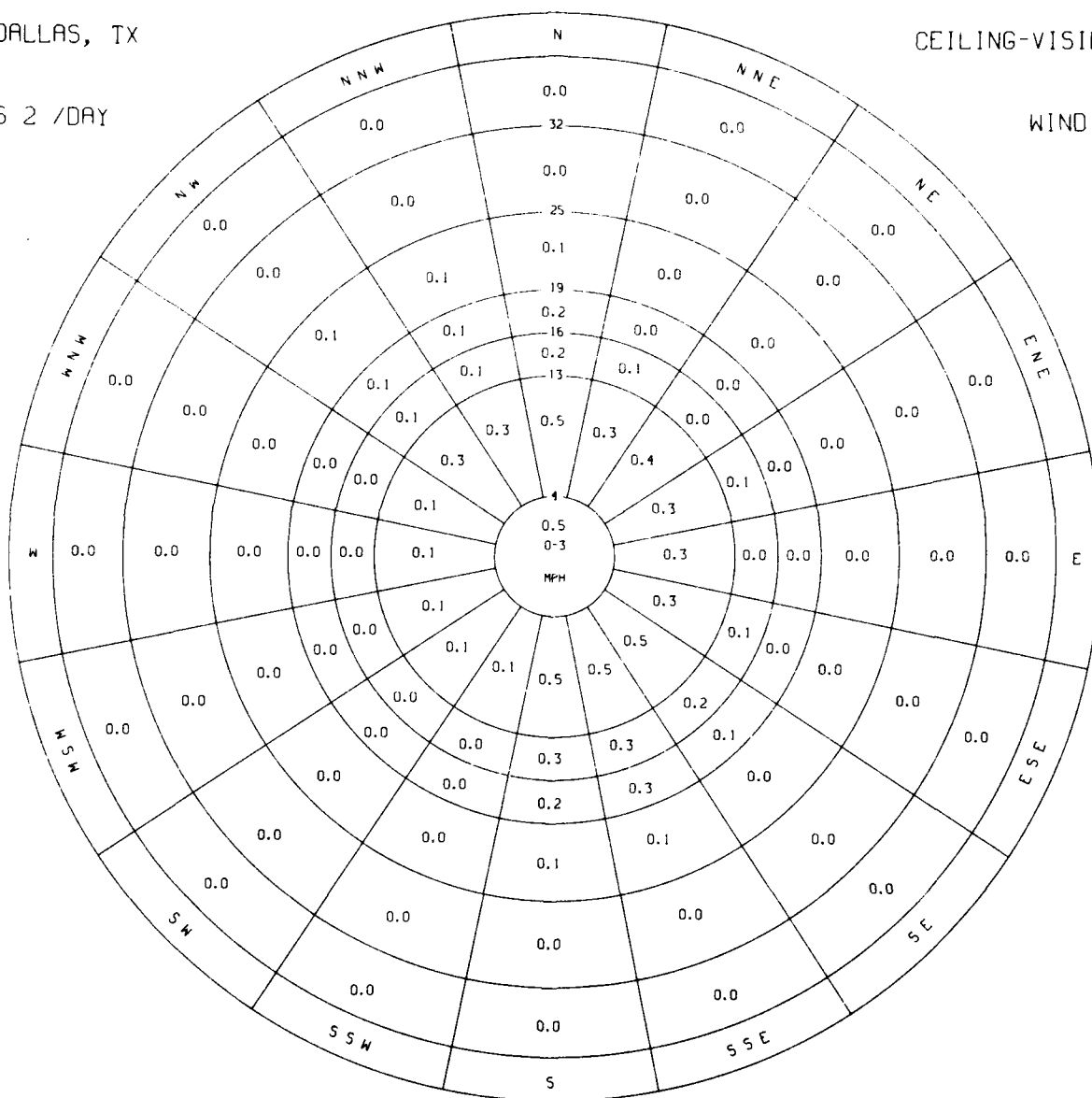
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.7	.8	3.7	4.0	.8	.9	.7	.8	.5	.5	.1	.1	.0	.0	6.4	7.1	10.3
NNE	.5	.5	2.3	2.6	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	3.6	4.0	9.1
NE	.8	.9	3.4	3.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.5	5.0	7.2
ENE	.4	.4	2.7	2.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.4	3.7	7.8
E	.4	.5	2.9	3.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.7	4.1	8.0
ESE	.5	.5	4.7	5.2	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	6.3	6.9	9.1
SE	.7	.8	7.8	8.5	1.9	2.1	.8	.9	.3	.3	.0	.0	.0	.0	11.5	12.6	9.9
SSE	.3	.3	7.8	8.6	3.9	4.3	2.8	3.0	1.1	1.2	.1	.1	.0	.0	15.9	17.5	12.6
S	.5	.6	7.6	8.4	3.3	3.7	2.7	2.9	1.2	1.3	.1	.1	.0	.0	15.3	16.9	12.3
SSW	.2	.2	1.9	2.1	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	2.9	3.2	10.0
SW	.5	.5	1.3	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.0	2.2	7.1
WSW	.2	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	6.4
W	.4	.4	.8	.8	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	1.3	1.4	7.0
WNW	.2	.3	1.0	1.1	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	1.6	1.8	9.2
NW	.5	.6	2.0	2.2	.3	.3	.4	.4	.3	.3	.1	.1	.0	.0	3.5	3.9	9.6
NNW	.5	.5	2.4	2.7	.5	.6	.6	.6	.4	.5	.1	.1	.0	.0	4.5	5.0	10.7
CALM	3.4	3.8													3.4	3.8	
TOTAL	10.7	11.8	52.7	58.1	13.3	14.7	9.3	10.2	4.3	4.8	.5	.5	.0	.0	90.7	100	9.9

DAL DALLAS, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1978

CLASS 2 / DAY

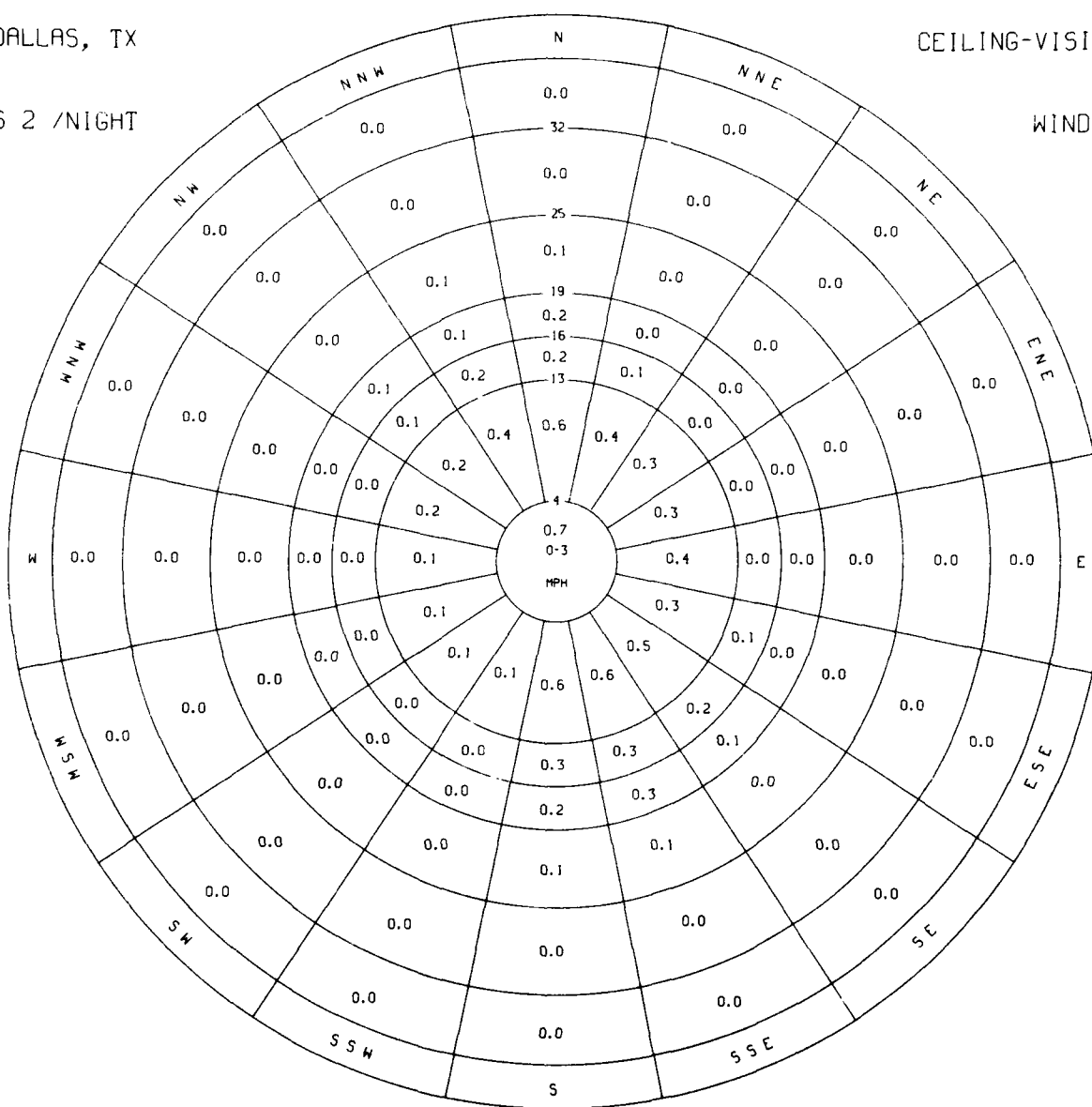
STATION NUMBER: 13960

NO. OBS.: 4029

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-10		11-17		18-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.1	.4	.1	.1	.1	.1	.1	.0	.1	.0	.0	.9	11.1	12.4
NNE	.0	.1	.4	.1	.1	.1	.4	.0	.3	.0	.0	.0	.5	5.5	10.6
NE	.1	.6	.4	.2	.1	.1	.4	.0	.0	.0	.0	.0	.5	6.1	8.8
ENE	.0	.1	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.4	5.0	9.3
E	.0	.1	.4	.1	.1	.1	.0	.1	.0	.0	.0	.0	.4	4.5	9.2
ESE	.0	.2	.4	.1	.1	.1	.0	.2	.0	.0	.0	.0	.4	4.9	10.7
SE	.0	.4	.4	.1	.1	.1	.4	.0	.2	.0	.0	.0	.9	10.1	11.5
SSE	.0	.2	.4	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.2	14.5	12.9
S	.0	.4	.4	.1	.1	.1	.4	.1	.6	.0	.0	.0	1.1	13.4	12.4
SSW	.0	.2	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	2.4	10.7
SW	.0	.2	.4	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	1.6	9.2
WSW	.0	.0	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	1.1	9.9
W	.0	.5	.4	.1	.1	.1	.0	.1	.0	.1	.0	.0	.2	2.1	8.3
WNW	.0	.2	.4	.1	.1	.1	.0	.3	.0	.3	.0	.0	.2	2.7	11.9
NW	.0	.3	.3	.3	.1	.9	.1	.9	.1	.7	.0	.0	.5	6.0	12.5
NNW	.0	.2	.3	.3	.1	1.5	.1	1.4	.1	1.1	.0	.0	.7	7.8	12.8
CALM	.1	1.1											.1	1.1	
TOTAL	.5	6.1	4.6	54.8	1.6	18.7	1.2	13.8	.5	6.0	.0	.4	.0	.2	8.5 100 11.4

CLASS 2 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 13960

NO. OBS.: 3741

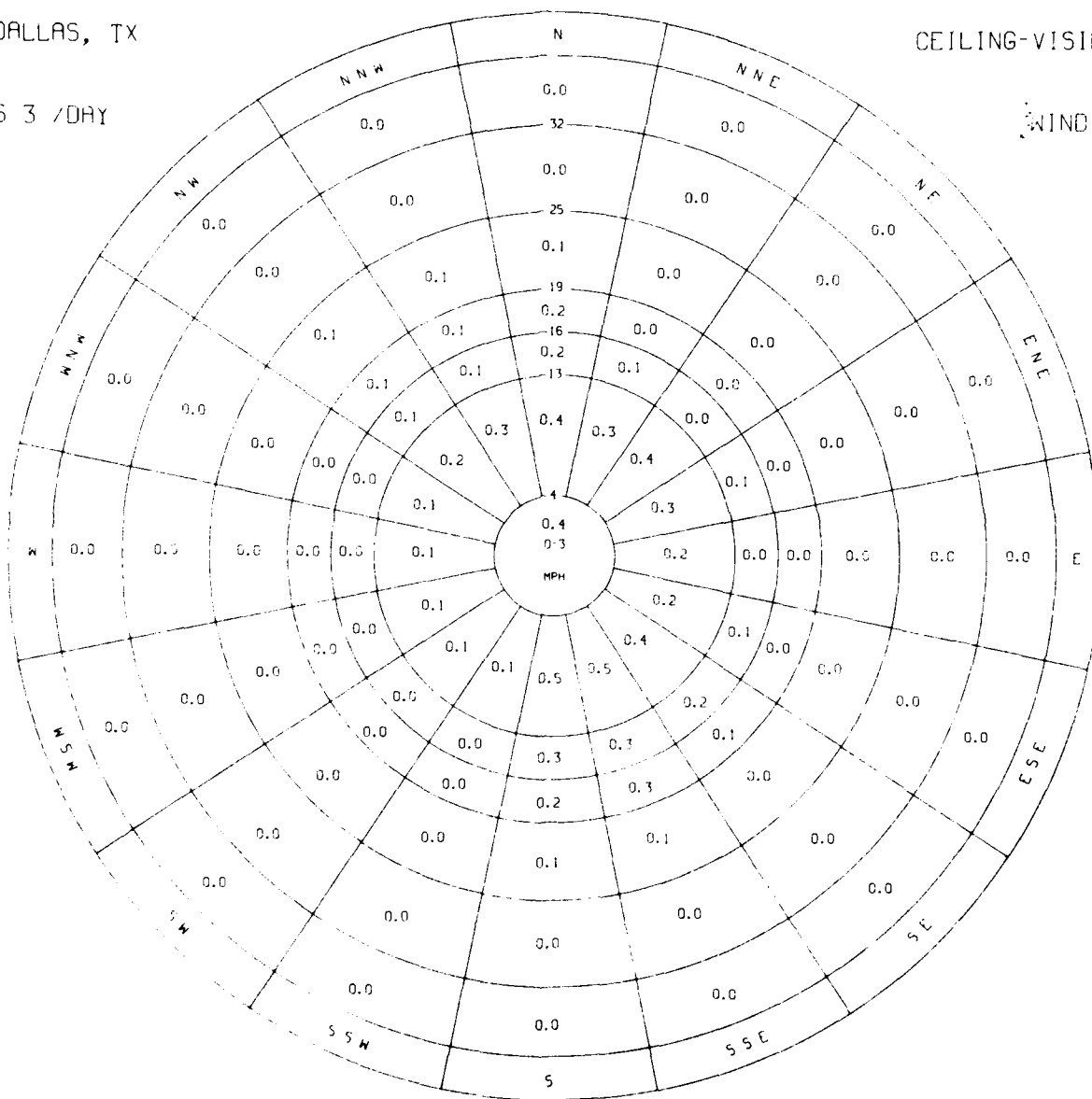
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.6	6.8	.2	1.8	.2	1.6	.1	.9	.0	.1	.0	.0	1.1	11.6	11.7
NNE	.1	.6	.4	3.8	.1	.6	.0	.5	.0	.3	.0	.0	.0	.0	.5	5.9	9.6
NE	.1	.7	.3	4.4	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.4	4.5	7.6
ENE	.0	.5	.3	2.8	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.9	8.2
E	.0	.5	.4	4.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.5	5.0	8.5
ESE	.0	.4	.3	3.4	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.5	5.2	10.2
SE	.0	.5	.5	5.4	.2	2.1	.1	1.3	.0	.5	.0	.0	.0	.0	.9	9.7	11.2
SSE	.0	.2	.6	6.5	.3	3.4	.3	3.0	.1	1.2	.0	.0	.0	.0	1.3	14.3	12.9
S	.0	.5	.6	6.5	.3	3.6	.2	2.4	.1	1.2	.0	.0	.0	.0	1.3	14.2	12.5
SSW	.0	.1	.1	1.5	.0	.5	.0	.4	.0	.2	.0	.0	.0	.0	.3	2.7	10.9
SW	.0	.3	.1	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	7.7
WSW	.0	.1	.1	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.2	8.1
W	.0	.2	.1	1.0	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.2	1.7	9.7
WNW	.0	.2	.2	1.8	.0	.3	.0	.2	.0	.3	.0	.0	.0	.0	.3	2.9	10.9
NW	.0	.4	.2	2.5	.1	.9	.1	.7	.0	.5	.0	.1	.0	.1	.5	5.1	11.8
NNW	.0	.5	.4	4.1	.2	1.7	.1	1.5	.1	1.1	.0	.1	.0	.0	.8	8.8	12.3
CALM	.1	1.6													.1	1.6	
TOTAL	.7	7.6	5.2	55.8	1.6	16.9	1.2	12.6	.6	6.6	.0	.3	.0	.1	9.3	100	10.9

DAL DALLAS, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-197

CLASS 3 / DAY

STATION NUMBER: 13960

NO. OBS.: 369

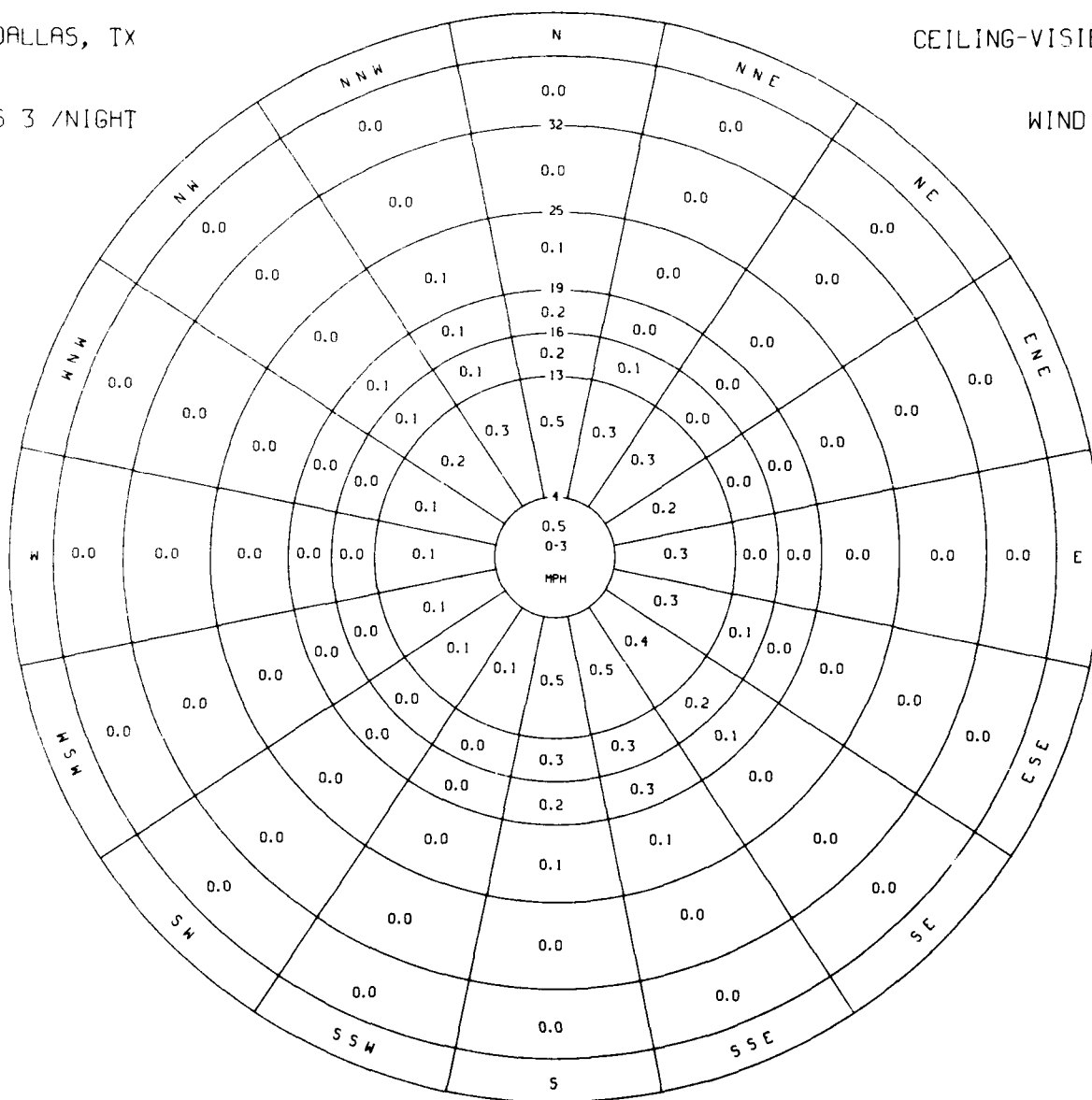
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.4	5.7	.2	2.2	.2	2.1	.1	1.1	.0	.1	.0	.0	.9	11.5	12.7
NNE	.0	.2	.3	4.0	.1	.7	.0	.4	.0	.3	.0	.1	.0	.0	.5	5.8	10.7
NE	.0	.6	.4	4.7	.0	.6	.0	.4	.0	.1	.0	.0	.0	.0	.5	6.3	8.8
ENE	.0	.3	.3	3.8	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.4	5.1	9.4
E	.0	.4	.2	3.2	.0	.5	.0	.2	.0	.2	.0	.0	.0	.0	.3	4.4	9.4
ESE	.0	.2	.2	3.2	.1	.9	.0	.6	.0	.2	.0	.0	.0	.0	.4	5.0	10.9
SE	.0	.2	.4	4.8	.2	2.7	.1	1.4	.0	.2	.0	.1	.0	.1	.7	9.4	12.0
SSE	.0	.2	.5	6.0	.3	3.7	.3	3.4	.1	1.1	.0	.0	.0	.0	1.1	14.4	13.2
S	.0	.4	.5	6.3	.3	3.7	.2	2.6	.1	.7	.0	.0	.0	.0	1.1	13.8	12.5
SSW	.0	.2	.1	1.3	.0	.4	.0	.5	.0	.1	.0	.0	.0	.0	.2	2.5	10.9
SW	.0	.2	.1	1.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.6	9.6
WSW	.0	.0	.1	.9	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.1	9.8
W	.0	.4	.1	1.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.8	8.3
WNW	.0	.2	.1	1.4	.0	.5	.0	.4	.0	.3	.0	.0	.0	.0	.2	2.8	12.1
NW	.0	.3	.2	2.9	.1	.9	.1	1.0	.1	.8	.0	.1	.0	.1	.5	5.9	12.8
NNW	.0	.2	.3	3.5	.1	1.6	.1	1.4	.1	1.1	.0	.1	.0	.0	.6	7.8	13.1
CALM	.1	.9													.1	.9	
TOTAL	.4	5.2	4.2	53.8	1.5	19.5	1.1	14.6	.5	6.3	.0	.5	.0	.2	7.8	100	11.6

DAL DALLAS, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-197

CLASS 3 / NIGHT

STATION NUMBER: 13960

NO. OBS.: 318

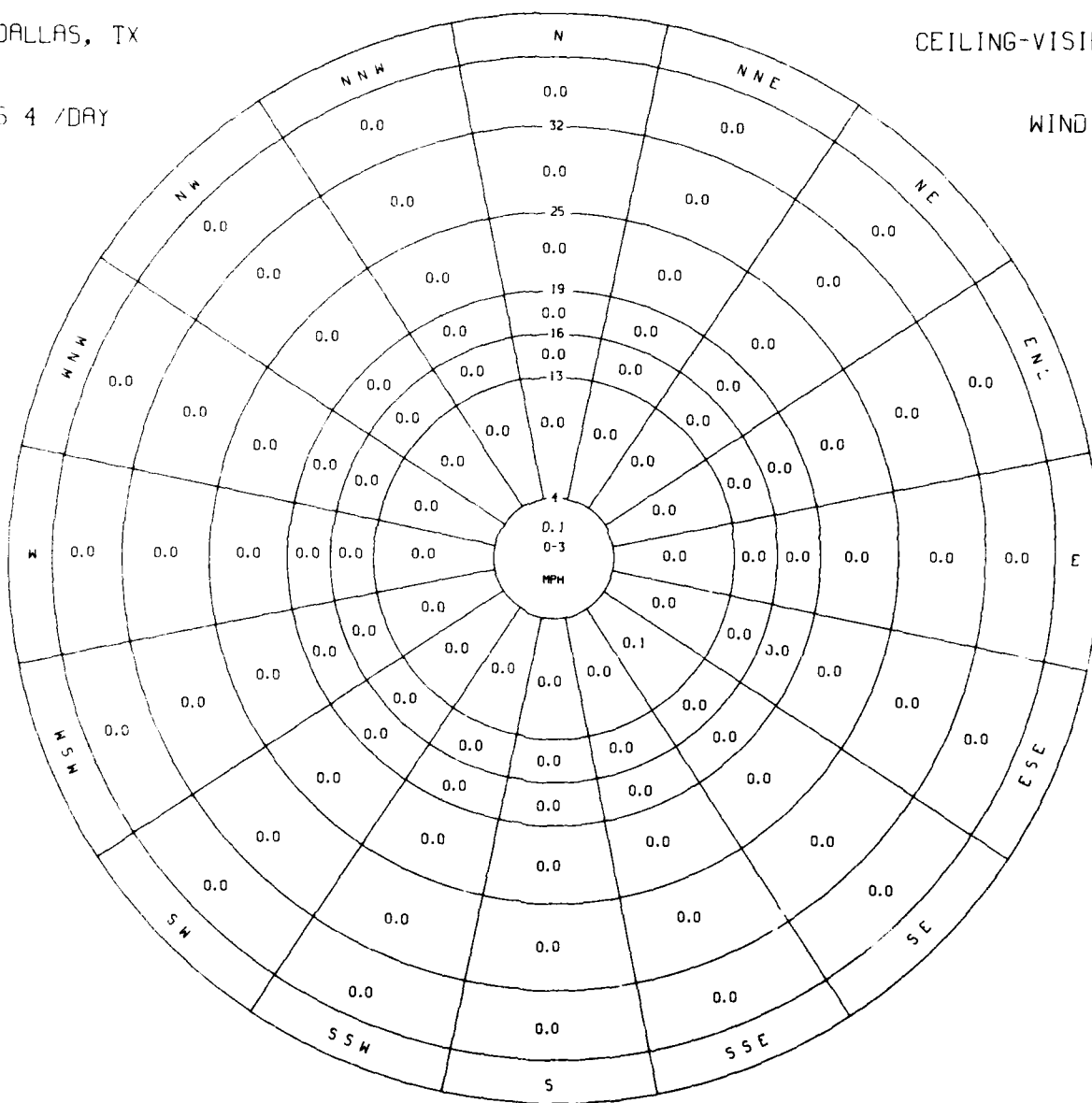
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.5	6.8	.2	2.1	.2	1.9	.1	1.1	.0	.1	.0	.0	1.0	12.4	12.1
NNE	.0	.5	.3	4.0	.1	.7	.0	.6	.0	.3	.0	.0	.0	.0	.5	6.1	9.9
NE	.0	.6	.3	3.6	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.4	4.7	7.9
ENE	.0	.5	.2	2.9	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.3	4.0	8.4
E	.0	.3	.3	4.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.4	4.8	8.7
ESE	.0	.3	.3	3.3	.1	.8	.0	.4	.0	.2	.0	.0	.0	.0	.4	5.0	10.3
SE	.0	.5	.4	4.7	.2	1.9	.1	1.4	.0	.5	.0	.0	.0	.0	.7	9.1	11.7
SSE	.0	.3	.5	6.2	.3	3.4	.3	3.3	.1	1.4	.0	.0	.0	.0	1.2	14.5	13.3
S	.0	.4	.5	6.4	.3	3.9	.2	2.7	.1	1.4	.0	.0	.0	.0	1.2	14.8	12.9
SSW	.0	.1	.1	1.4	.0	.5	.0	.4	.0	.2	.0	.0	.0	.0	.2	2.7	11.5
SW	.0	.3	.1	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.7	7.9
WSW	.0	.1	.1	.8	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.0	8.6
W	.0	.1	.1	1.0	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.1	1.6	10.6
WNW	.0	.2	.1	1.7	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.2	2.8	11.4
NW	.0	.2	.2	2.3	.1	1.0	.1	.8	.0	.6	.0	.1	.0	.1	.4	5.0	12.6
NNW	.0	.4	.3	3.9	.1	1.8	.1	1.7	.1	1.1	.0	.1	.0	.0	.7	9.0	12.7
CALM	.1	.8													.1	.8	
TOTAL	.5	5.9	4.3	54.2	1.4	17.8	1.1	14.2	.6	7.5	.0	.4	.0	.1	7.9	100	11.4

DAL DALLAS, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 13960

NO. OBS.: 239

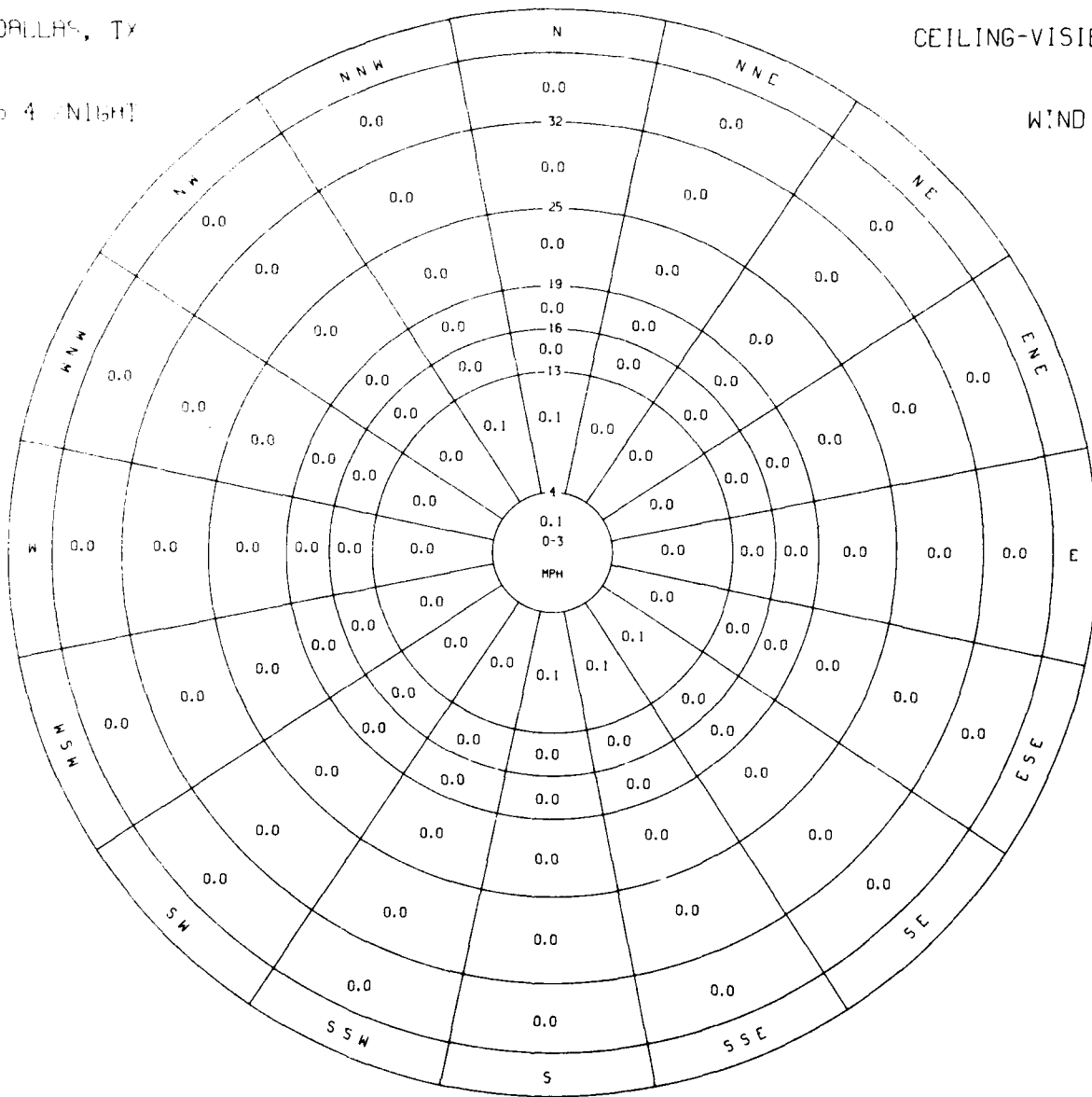
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.8	.0	2.9	.0	1.2	.0	.0	.0	.8	.0	.0	.0	.0	.0	5.9	9.6
NNE	.0	.4	.0	1.3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.1	9.2
NE	.0	.8	.0	4.2	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	5.4	8.7
ENE	.0	.4	.0	3.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	4.6	7.8
E	.0	2.1	.0	5.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	6.8
ESE	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.0
SE	.0	1.7	.1	12.6	.0	2.1	.0	.0	.0	.4	.0	.0	.0	.0	.1	16.7	8.7
SSE	.0	.8	.0	9.6	.0	3.8	.0	.4	.0	.0	.0	.0	.0	.0	.1	14.6	10.5
S	.0	.0	.0	5.9	.0	3.3	.0	.8	.0	.0	.0	.0	.0	.0	.1	10.0	11.7
SSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.3
SW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.5
WSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	1.3	15.3
W	.0	.4	.0	2.1	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	2.9	8.6
WNW	.0	.4	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.5
NW	.0	.8	.0	5.4	.0	.4	.0	.8	.0	.4	.0	.0	.0	.0	.0	7.9	9.3
NNW	.0	.8	.0	7.1	.0	.4	.0	2.1	.0	.4	.0	.0	.0	.0	.1	10.9	10.4
CALM	.0	1.7													.0	1.7	
TOTAL	.1	11.3	.3	68.2	.1	12.1	.0	5.4	.0	2.5	.0	.0	.0	.4	.5	100	9.2

DAL DALLAS, TX

CLASS 4 (NIGHT)

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 13960

NO. OBS.: 364

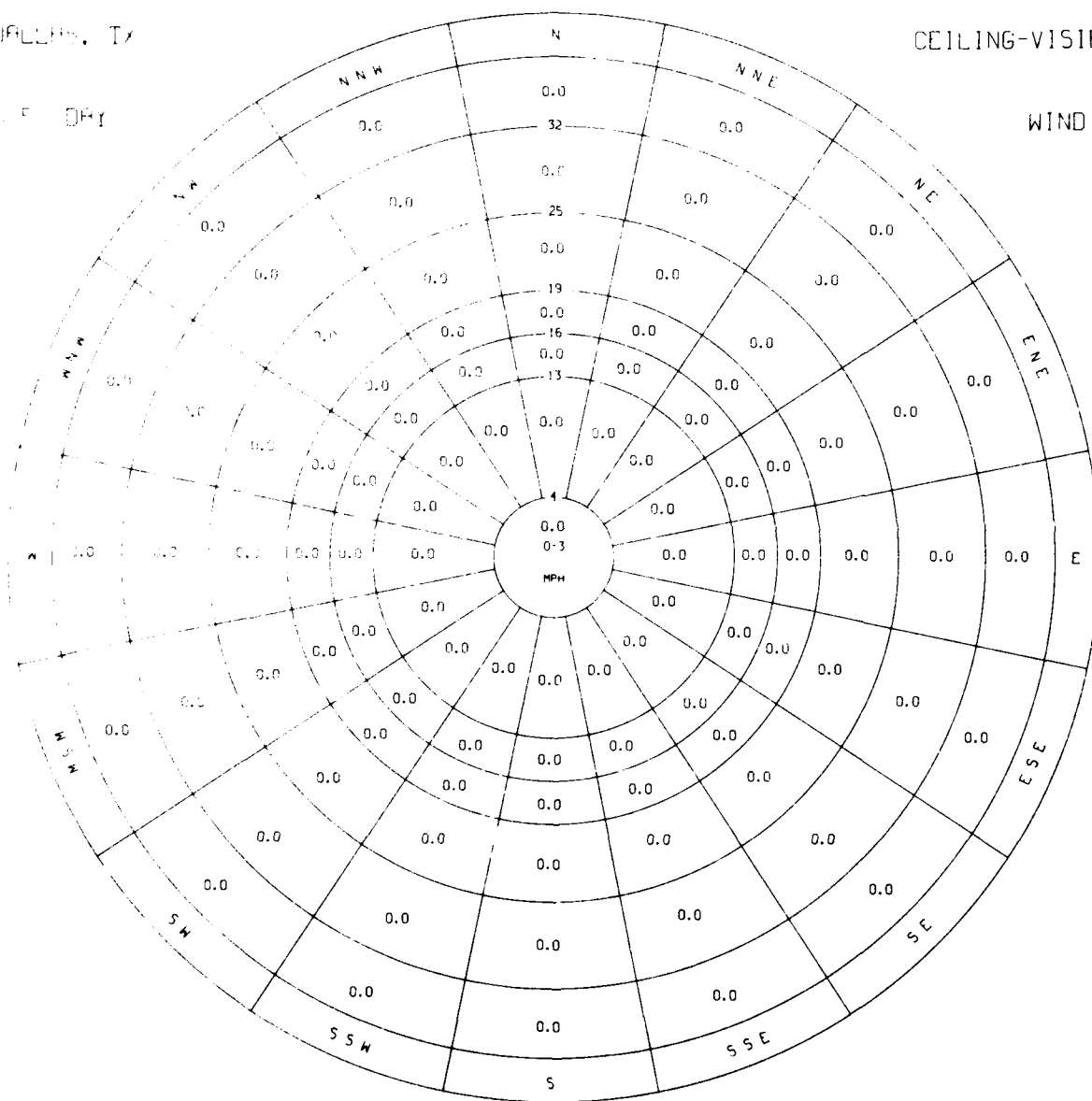
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.1	8.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.8	7.7
NNE	.0	1.1	.0	3.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	4.7	7.7
NE	.0	1.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.1
ENE	.0	.8	.0	3.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.4
E	.0	1.4	.0	3.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	7.7
ESE	.0	1.1	.0	3.8	.0	.8	.0	.5	.0	.5	.0	.0	.0	.0	.1	6.9	10.2
SE	.0	.5	.1	8.8	.0	3.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	12.9	10.0
SSE	.0	.0	.1	8.0	.0	2.5	.0	1.9	.0	.0	.0	.0	.0	.0	.1	12.4	11.0
S	.0	.3	.1	6.3	.0	2.7	.0	.3	.0	.0	.0	.0	.0	.0	.1	9.6	9.9
SSW	.0	.0	.0	2.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.0	8.4
SW	.0	.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.9
WSW	.0	.0	.0	1.4	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.6	8.8
W	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.5
WNW	.0	.3	.0	2.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.2
NW	.0	.3	.0	4.4	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	5.5	8.9
NNW	.0	.8	.1	5.8	.0	1.6	.0	.3	.0	1.1	.0	.0	.0	.0	.1	9.6	10.1
CALM	.0	3.0													.0	3.0	
TOTAL	.1	11.8	.6	67.9	.1	14.0	.0	4.4	.0	1.9	.0	.0	.0	.0	.9	100	8.8

DAL DALLAS, TX

CLARIF DRY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 13960

NO. OBS.: 51

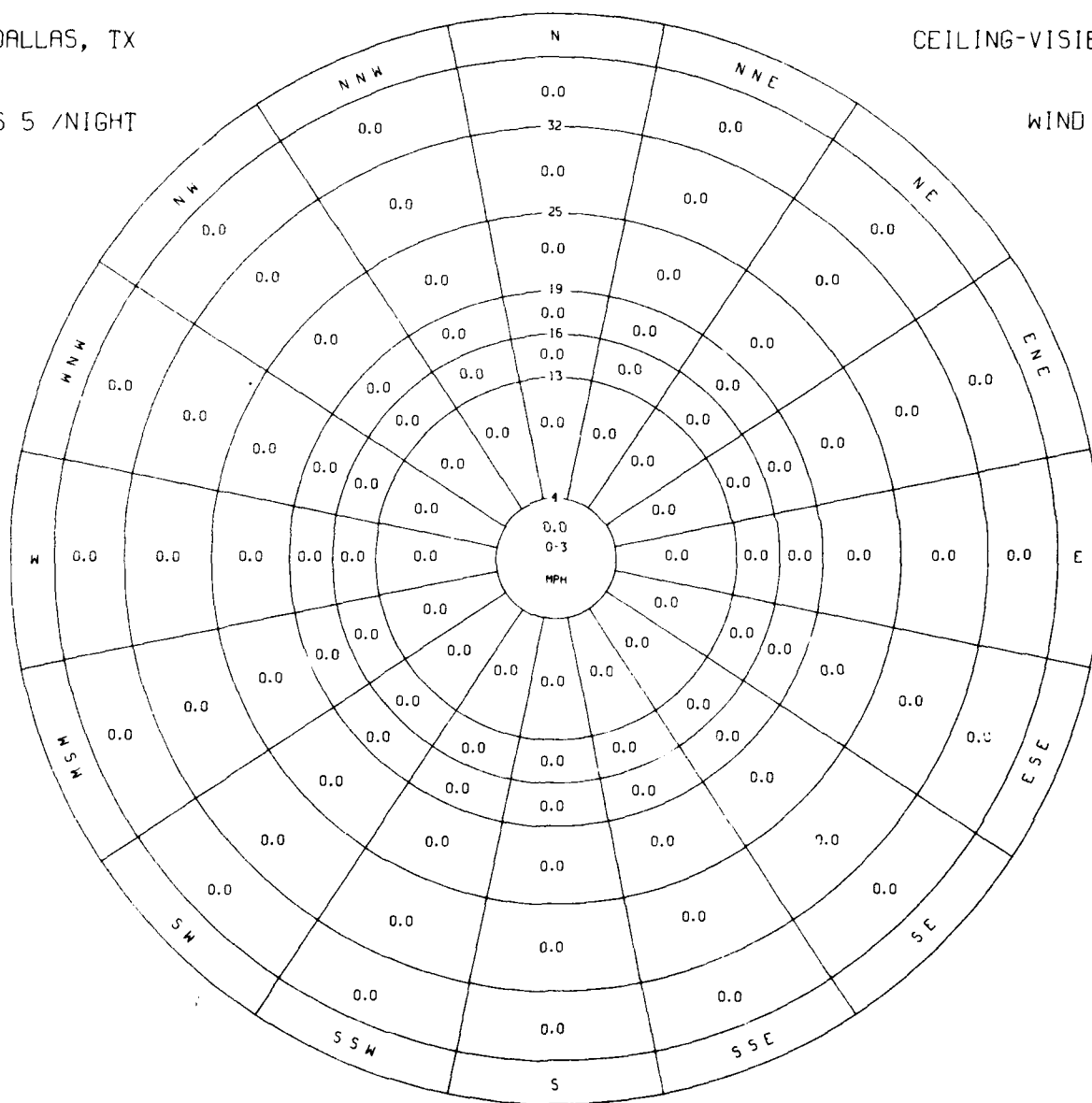
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	5.3
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.0
ENE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	3.9	.0	2.0	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	7.8	8.5
SE	.0	2.0	.0	9.8	.0	2.0	.0	3.9	.0	2.0	.0	.0	.0	.0	.0	19.6	11.0
SSE	.0	.0	.0	15.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.6	9.7
S	.0	2.0	.0	9.8	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.7	8.9
SSW	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.5
SW	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.0
WSW	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.0
W	.0	2.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	3.9	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	10.0
NNW	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	10.0
CALM	.0	5.9													.0	5.9	
TOTAL	.0	21.6	.1	62.7	.0	7.8	.0	3.9	.0	3.9	.0	.0	.0	.0	.1	100	8.2

DAL DALLAS, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 13960

NO. OBS.: 97

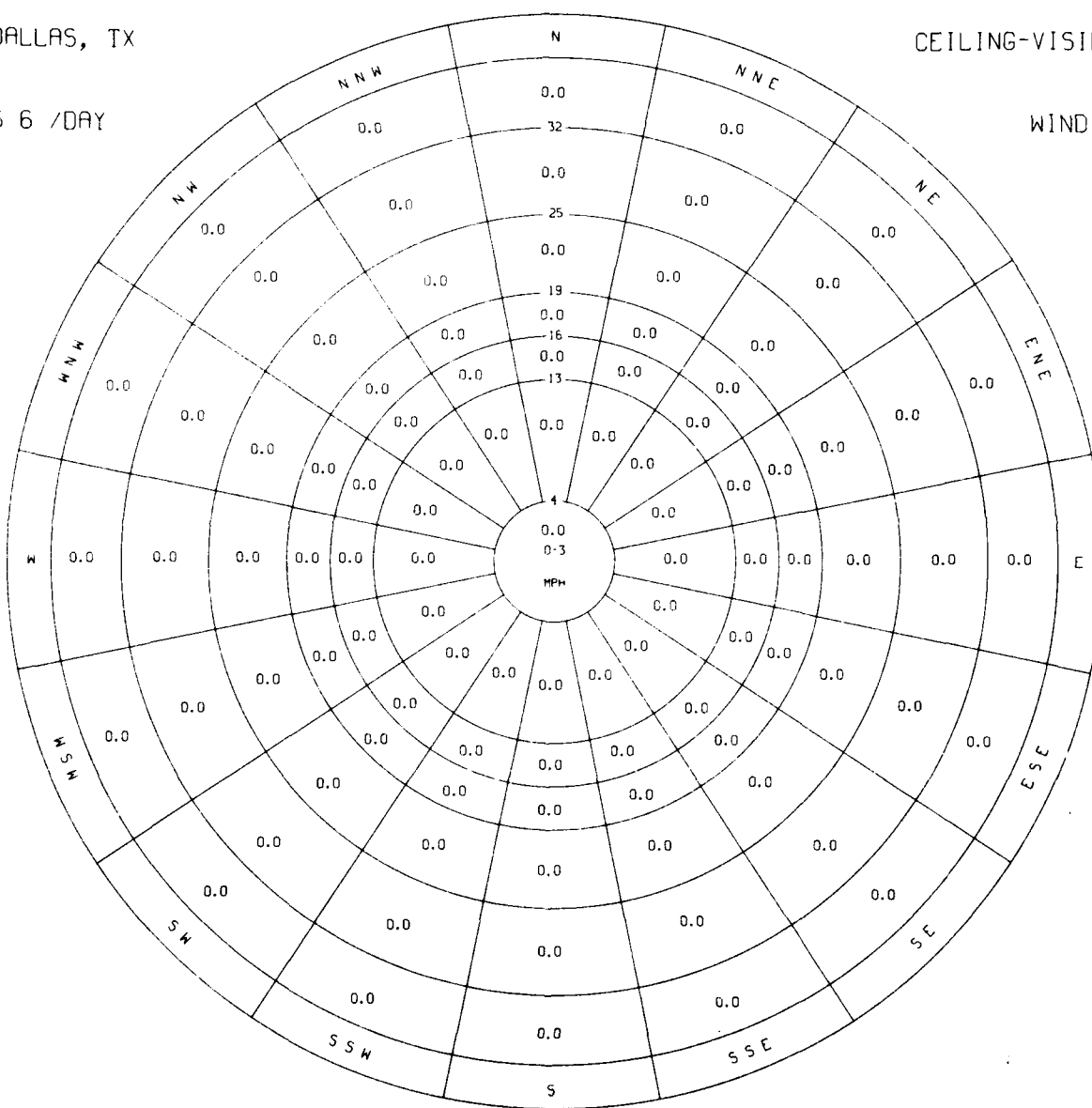
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.0
NNE	.0	2.1	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.0
NE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
ENE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	9.0
E	.0	2.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.4
ESE	.0	.0	.0	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	9.0
SE	.0	3.1	.0	11.3	.0	4.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	19.6	8.9
SSE	.0	.0	.0	12.4	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.5	9.9
S	.0	2.1	.0	11.3	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	14.4	8.2
SSW	.0	2.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.0
SW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.5
WSW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.5
W	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
WNW	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.2
NW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.5
NNW	.0	1.0	.0	3.1	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.0
CALM	.0	4.1													.0	4.1	
TOTAL	.0	20.6	.2	68.0	.0	8.2	.0	3.1	.0	.0	.0	.0	.0	.0	.2	100	7.6

DAL DALLAS, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-197

CLASS 6 / DAY

STATION NUMBER: 13960

NO. OBS.: 4

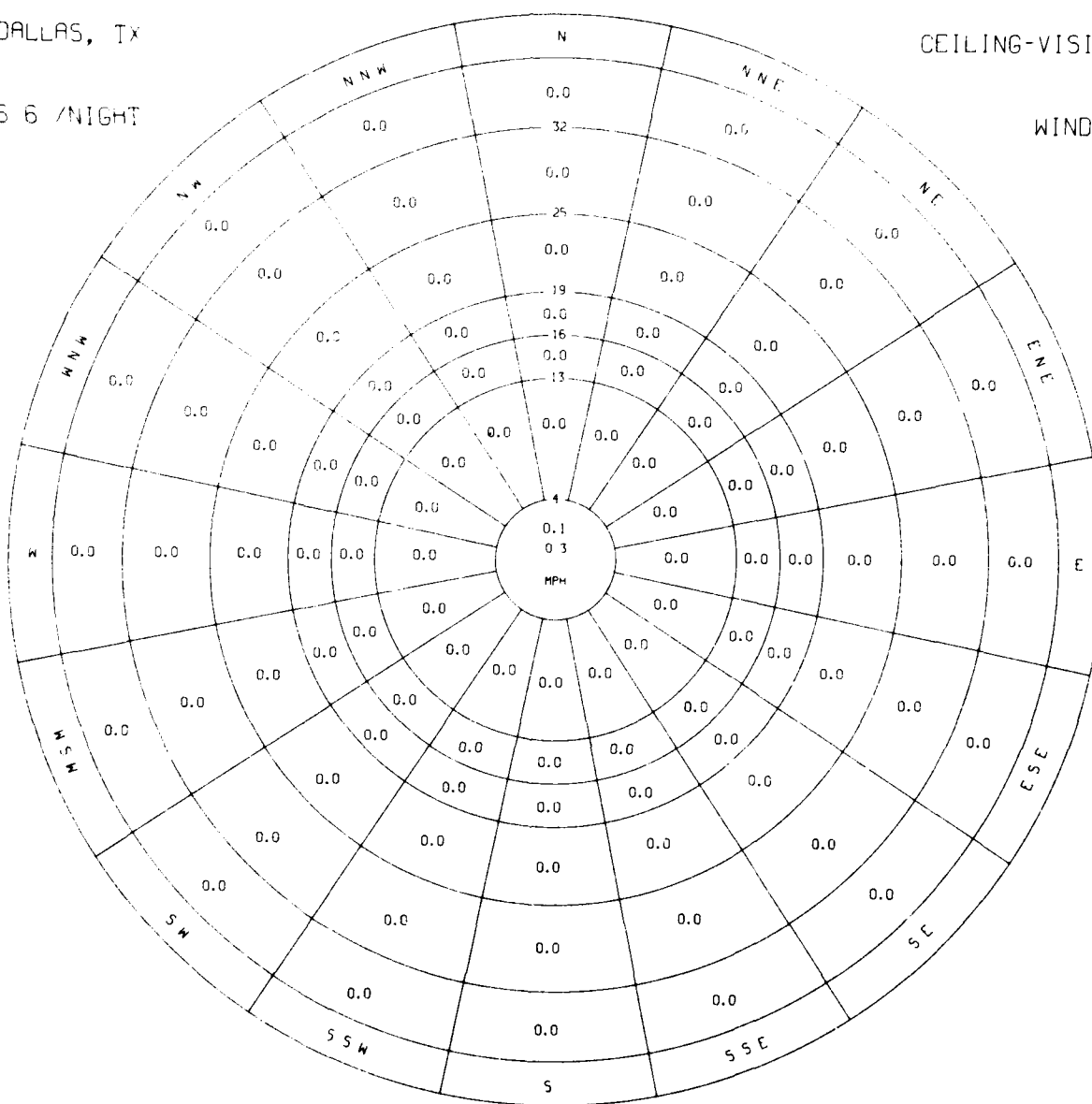
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	14.6	.0	.0	.0	.0	.0	2.1	.0	.0	.0	.0	.0	16.7	9.1
NNE	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.5
NE	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	2.1	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	4.2	11.5
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	6.3	.0	12.5	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	20.8	7.3
SSE	.0	2.1	.0	10.4	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	9.2
S	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	12.0
SSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	9.0
SW	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	2.0
WSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.0
W	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0	.0	.0	8.3	9.5
WNW	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.5
NW	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	8.3													.0	8.3	
TOTAL	.0	31.3	.1	56.3	.0	4.2	.0	4.2	.0	2.1	.0	2.1	.0	.0	.1	100	7.5

DAL DALLAS, TX

CLASS 6 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAL DALLAS, TX

PERIOD: 1949-1976

CLASS 6 / NIGHT

STATION NUMBER: 13960

NO. OBS.: 91

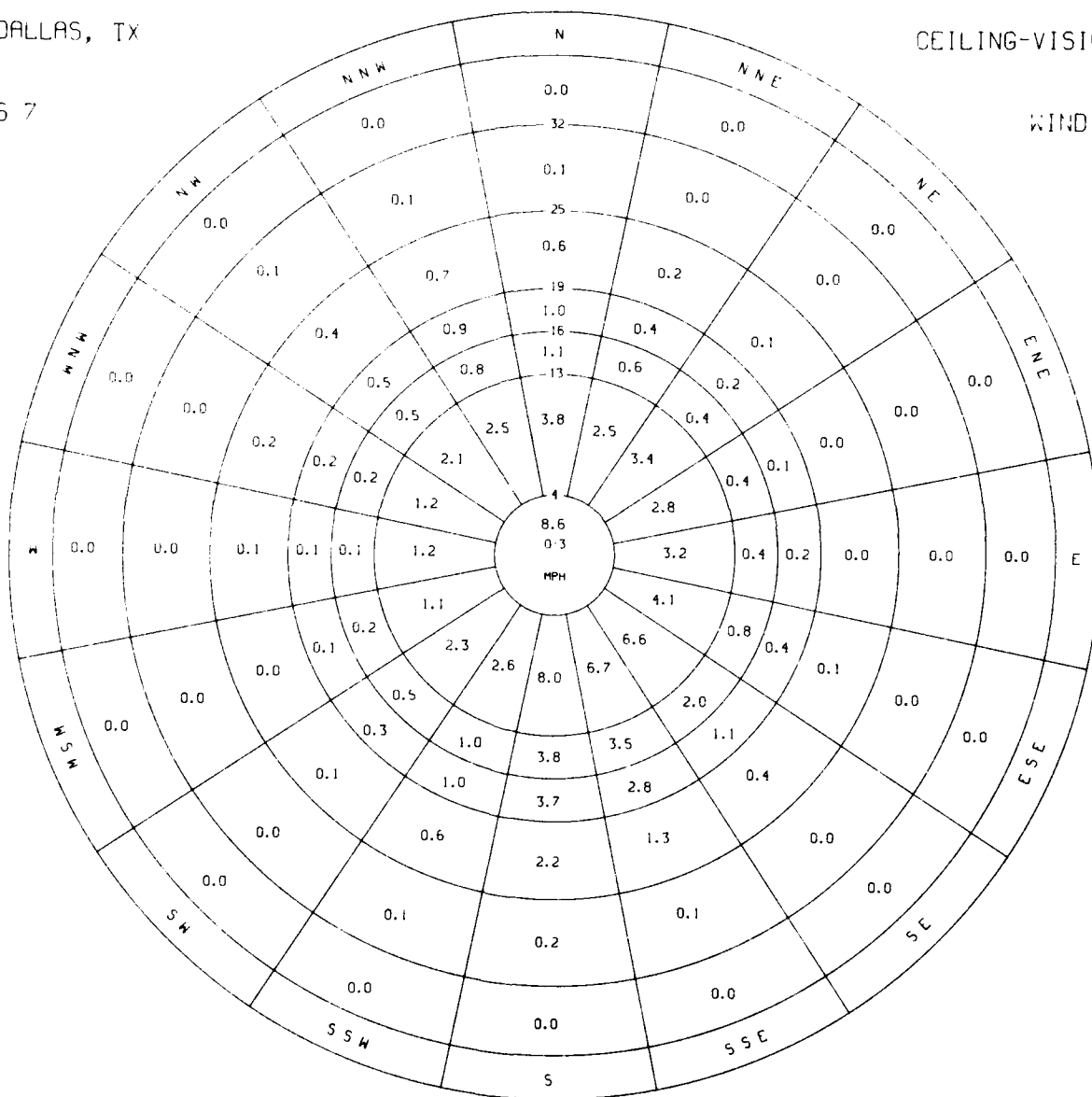
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.5
NNE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
NE	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.7
ENE	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
E	.0	.0	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.7
ESE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.5
SE	.0	.0	.0	9.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	7.8
SSE	.0	.0	.0	5.5	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.1	10.4
S	.0	1.1	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	6.9
SSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
SW	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.7
WSW	.0	2.2	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.4
W	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.7
WNW	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.7
NW	.0	5.5	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	3.9
NNW	.0	1.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.5
CALM	.0	18.7													.0	18.7	
TOTAL	.1	39.6	.1	53.8	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	100	5.4

DAL DALLAS, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

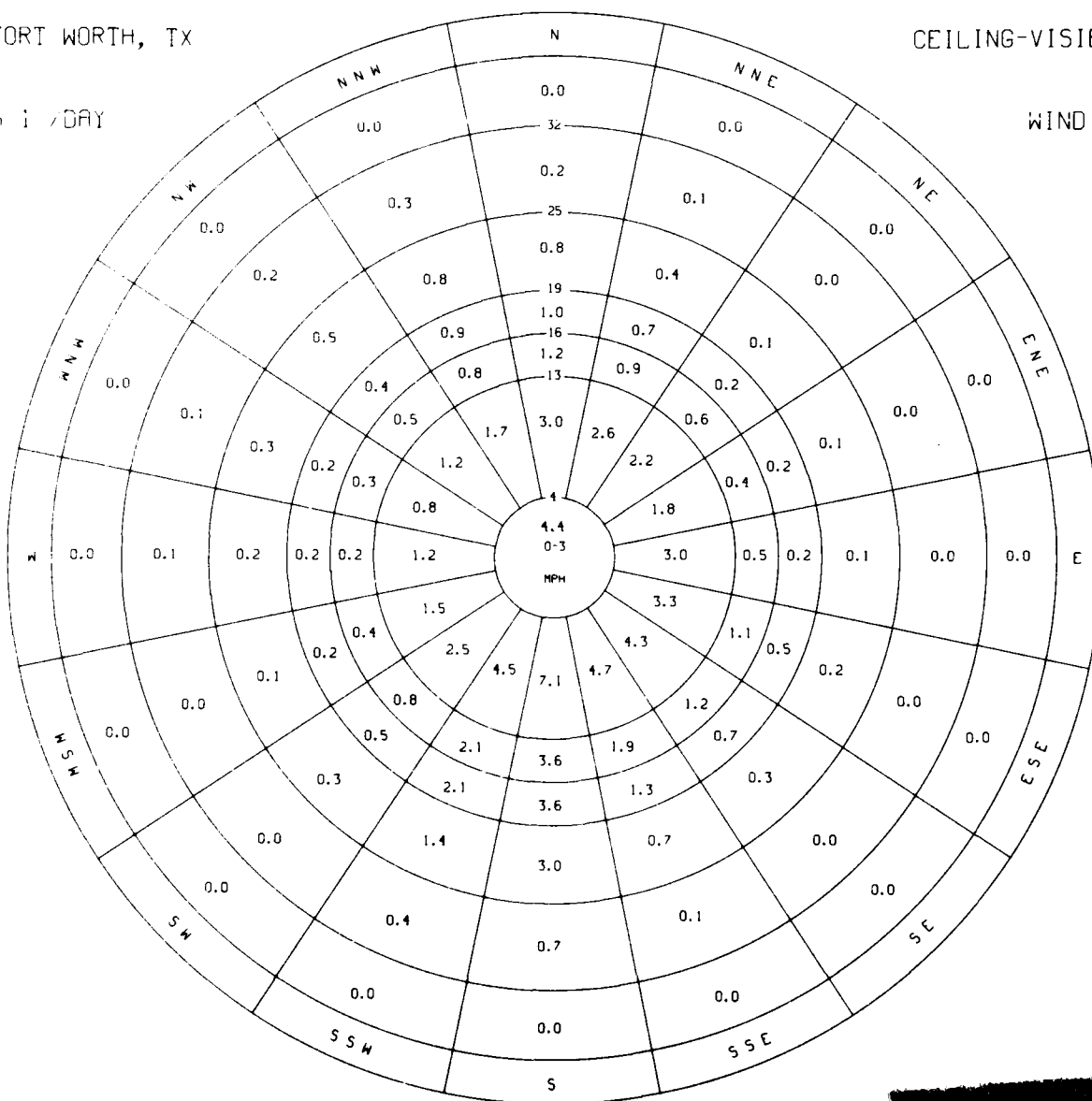


GSW FORT WORTH, TX

CLASS 1 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 1 / DAY

STATION NUMBER: 03927

NO. OBS.: 28996

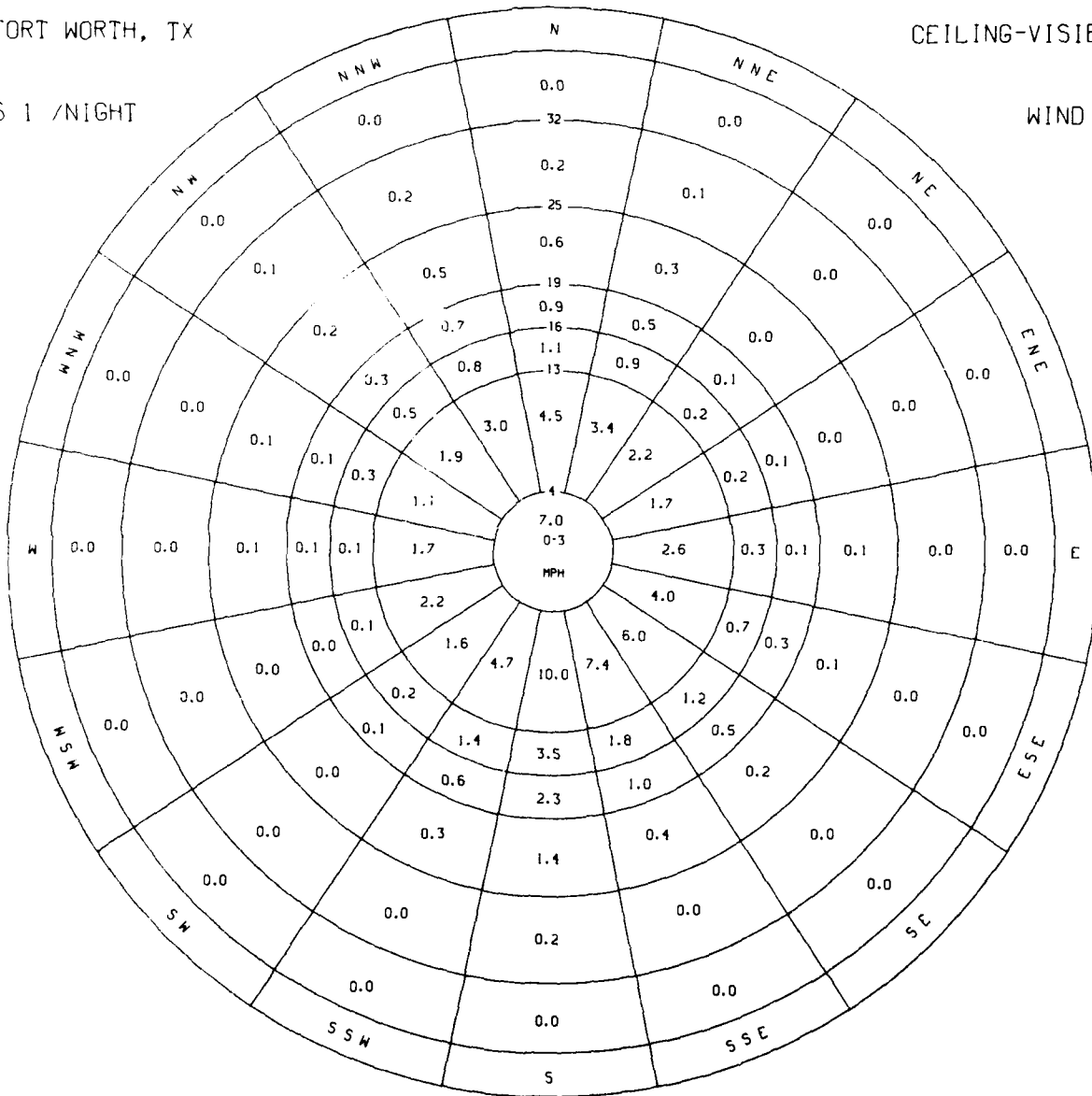
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.2	3.0	3.3	1.2	1.3	1.0	1.1	.8	.8	.2	.2	.0	.0	6.4	7.0	13.0
NNE	.2	.2	2.6	2.8	.9	1.0	.7	.7	.4	.4	.1	.1	.0	.0	4.8	5.3	11.9
NE	.2	.2	2.2	2.5	.6	.6	.2	.2	.1	.1	.0	.0	.0	.0	3.4	3.7	10.1
ENE	.1	.2	1.8	2.0	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	2.8	3.0	10.2
E	.3	.3	3.0	3.3	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	4.2	4.6	9.5
ESE	.2	.2	3.3	3.7	1.1	1.2	.5	.5	.2	.2	.0	.0	.0	.0	5.3	5.8	10.7
SE	.2	.2	4.3	4.6	1.2	1.3	.7	.8	.3	.3	.0	.0	.0	.0	6.7	7.3	10.8
SSE	.2	.2	4.7	5.1	1.9	2.1	1.3	1.5	.7	.8	.1	.1	.0	.0	9.0	9.8	12.2
S	.2	.2	7.1	7.8	3.6	4.0	3.6	3.9	3.0	3.3	.7	.8	.0	.0	18.4	20.1	14.3
SSW	.2	.2	4.5	5.0	2.1	2.3	2.1	2.3	1.4	1.5	.4	.4	.0	.0	10.6	11.6	13.7
SW	.2	.2	2.5	2.7	.8	.9	.5	.6	.3	.4	.0	.0	.0	.0	4.4	4.8	11.5
WSW	.2	.2	1.5	1.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.4	2.7	10.2
W	.1	.1	1.2	1.3	.2	.3	.2	.2	.2	.2	.1	.1	.0	.0	2.1	2.3	11.7
WNW	.1	.1	.8	.9	.3	.3	.2	.2	.3	.3	.1	.2	.0	.0	1.8	2.0	13.7
NW	.1	.1	1.2	1.3	.5	.5	.4	.4	.5	.5	.2	.2	.0	.0	2.9	3.2	13.9
NNW	.1	.2	1.7	1.8	.8	.9	.9	.9	.8	.9	.3	.3	.0	.1	4.7	5.1	14.6
CALM	1.6	1.7													1.6	1.7	
TOTAL	4.4	4.8	45.6	49.8	16.6	18.1	12.9	14.1	9.4	10.2	2.5	2.7	.2	.3	91.6	100	12.3

GSW FORT WORTH, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 1 / NIGHT

STATION NUMBER: 03927

NO. OBS.: 24354

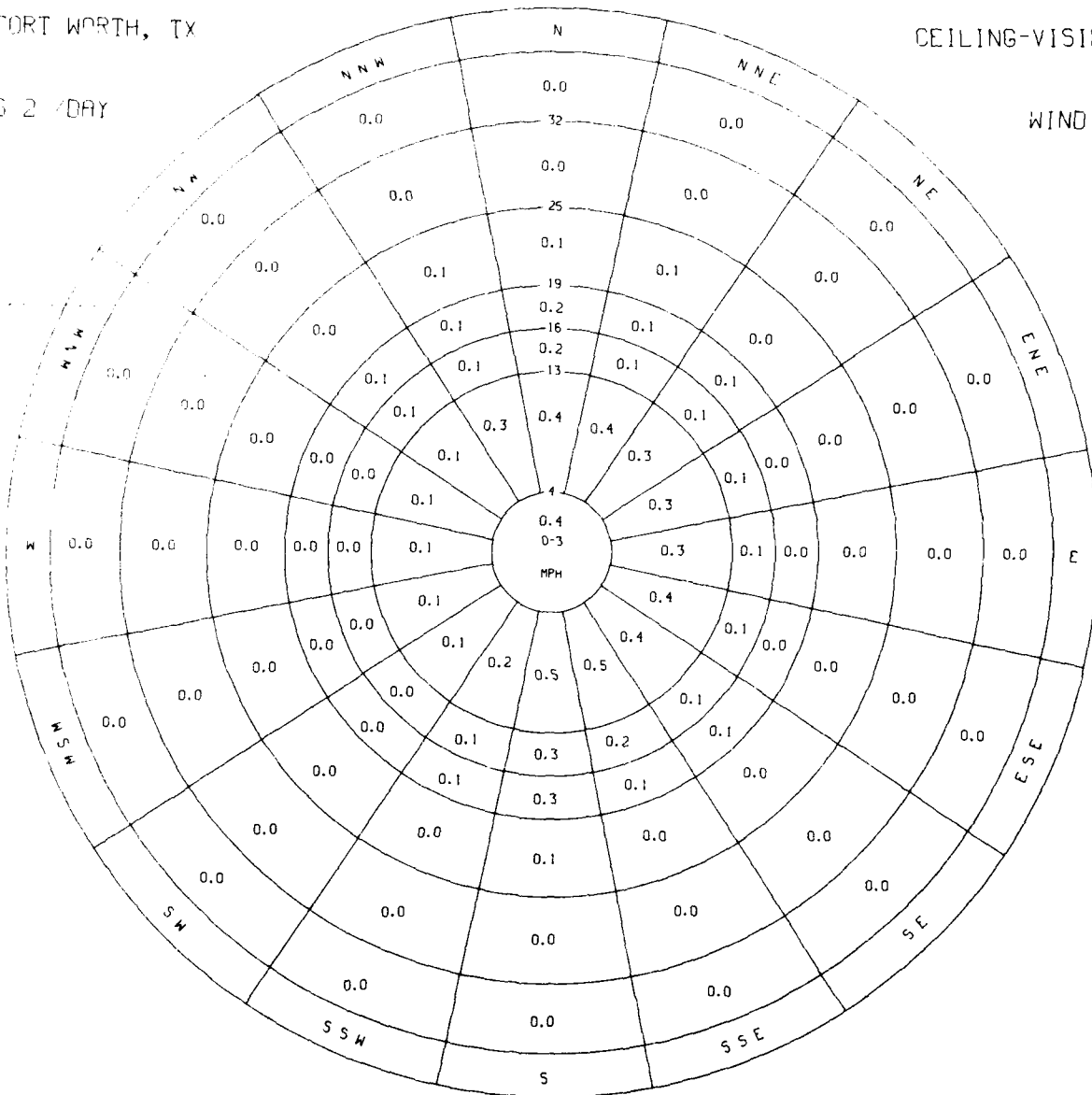
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.4	4.5	4.9	1.1	1.2	.9	.9	.6	.7	.2	.2	.0	.0	7.6	8.4	11.2
NNE	.3	.4	3.4	3.7	.9	1.0	.5	.6	.3	.3	.1	.1	.0	.0	5.5	6.0	10.6
NE	.2	.2	2.2	2.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.0	8.4
ENE	.3	.3	1.7	1.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.5	8.4
E	.4	.5	2.6	2.8	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.5	3.8	8.1
ESE	.3	.3	4.0	4.4	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	5.5	6.0	9.4
SE	.2	.3	6.0	6.6	1.2	1.3	.5	.5	.2	.2	.0	.0	.0	.0	8.1	8.9	9.8
SSE	.3	.3	7.4	8.2	1.8	2.0	1.0	1.1	.4	.5	.0	.1	.0	.0	11.0	12.1	10.5
S	.3	.4	10.0	11.0	3.5	3.8	2.3	2.6	1.4	1.5	.2	.2	.0	.0	17.7	19.4	11.8
SSW	.3	.3	4.7	5.1	1.4	1.6	.6	.7	.3	.3	.0	.0	.0	.0	7.3	8.0	10.5
SW	.2	.2	1.6	1.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.0	2.2	8.2
WSW	.2	.2	2.2	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.9	7.9
W	.2	.2	1.7	1.8	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.2	2.4	8.5
WNW	.1	.1	1.1	1.2	.3	.3	.1	.1	.1	.1	.0	.1	.0	.0	1.7	1.9	11.1
NW	.1	.1	1.9	2.0	.5	.5	.3	.3	.2	.3	.1	.1	.0	.0	3.1	3.4	11.6
NNW	.2	.2	3.0	3.3	.8	.8	.7	.7	.5	.5	.2	.2	.0	.0	5.3	5.8	11.8
CALM	2.9	3.2													2.9	3.2	
TOTAL	7.0	7.6	57.7	63.4	13.3	14.6	7.7	8.4	4.3	4.7	.9	1.0	.1	.1	90.9	100	10.1

GSW FORT WORTH, TX

CLASS 2 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 2 / DAY

STATION NUMBER: 03927

NO. OBS.: 2662

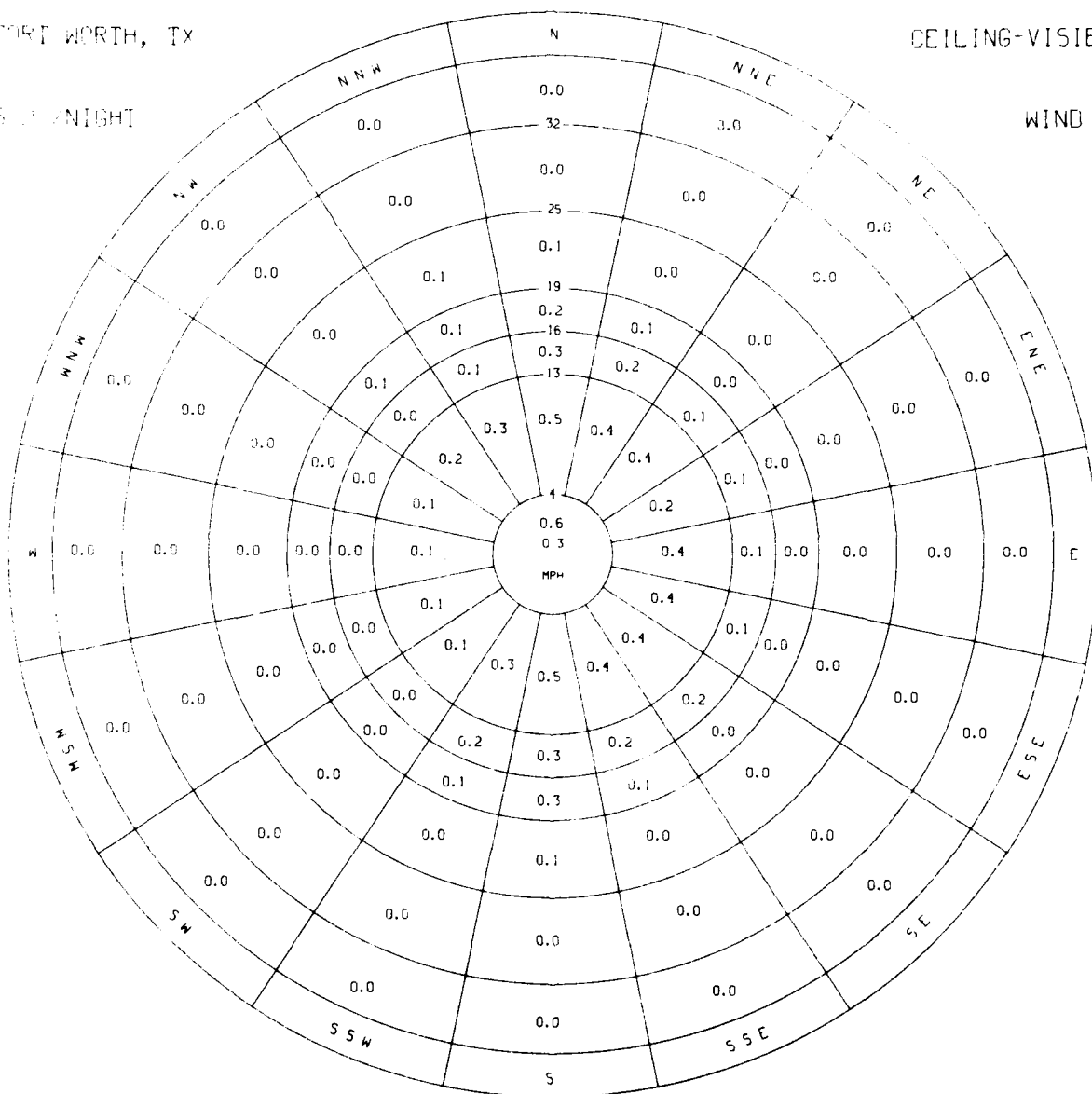
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.4	5.3	.2	2.9	.2	1.8	.1	1.7	.0	.2	.0	.0	1.0	12.2	13.4
NNE	.0	.1	.4	4.4	.1	1.7	.1	.9	.1	.9	.0	.1	.0	.0	.7	8.1	12.1
NE	.0	.2	.3	3.9	.1	1.3	.1	.9	.0	.4	.0	.0	.0	.0	.6	6.6	11.4
ENE	.0	.5	.3	3.2	.1	.9	.0	.5	.0	.1	.0	.0	.0	.1	.4	5.3	10.5
E	.0	.2	.3	3.8	.1	.9	.0	.5	.0	.3	.0	.0	.0	.1	.5	5.8	11.2
ESE	.0	.2	.4	4.2	.1	.8	.0	.5	.0	.2	.0	.1	.0	.0	.5	6.1	10.6
SE	.0	.2	.4	5.0	.1	1.3	.1	.9	.0	.3	.0	.0	.0	.0	.7	7.7	10.9
SSE	.0	.3	.5	5.5	.2	2.0	.1	1.1	.0	.4	.0	.0	.0	.0	.8	9.3	11.5
S	.0	.3	.5	6.2	.3	4.0	.3	3.2	.1	1.6	.0	.0	.0	.0	1.3	15.4	13.4
SSW	.0	.1	.2	2.1	.1	1.5	.1	.7	.0	.2	.0	.0	.0	.0	.4	4.7	12.5
SW	.0	.1	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	8.7
WSW	.0	.1	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	8.0
W	.0	.1	.1	1.2	.0	.2	.0	.1	.0	.3	.0	.2	.0	.1	.2	2.1	13.3
WNW	.0	.1	.1	1.0	.0	.5	.0	.0	.0	.2	.0	.1	.0	.0	.2	2.0	11.7
NW	.0	.1	.1	1.5	.1	.8	.1	.8	.0	.4	.0	.1	.0	.1	.3	3.7	13.7
NNW	.0	.1	.3	3.3	.1	1.1	.1	1.1	.1	1.2	.0	.2	.0	.1	.6	7.1	13.8
CALM	.2	2.0													.2	2.0	
TOTAL	.4	4.9	4.4	52.0	1.7	20.1	1.1	13.2	.7	8.2	.1	1.1	.0	.5	8.4	100	11.9

GSW FORT WORTH, TX

CLASS 2 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 2 / NIGHT

STATION NUMBER: 03927

NO. OBS.: 2425

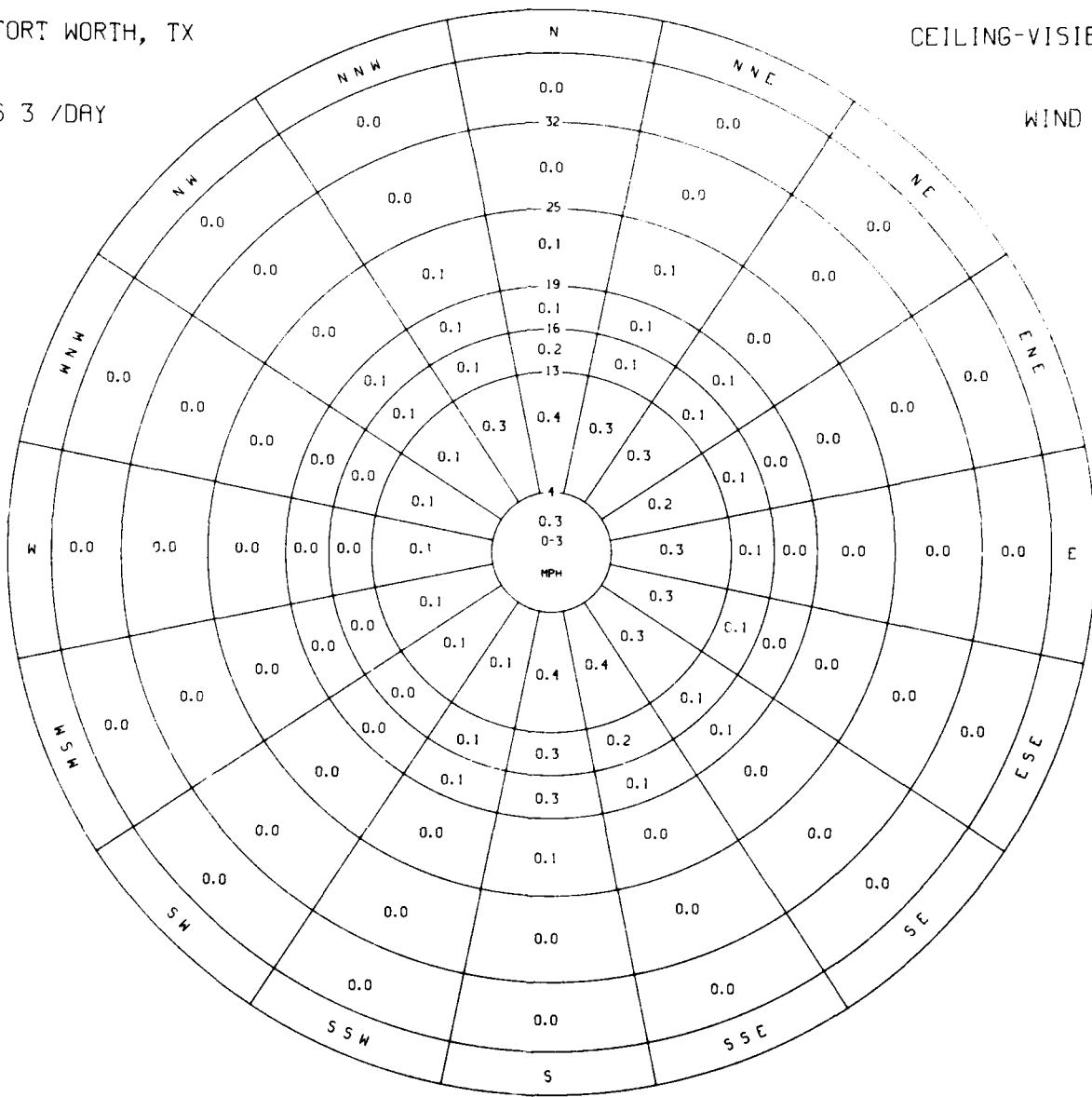
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.5	5.4	.3	3.2	.2	2.6	.1	1.6	.0	.4	.0	.0	1.2	13.4	13.5
NNE	.0	.3	.4	4.6	.2	1.8	.1	.6	.0	.4	.0	.2	.0	.1	.7	8.0	11.5
NE	.0	.2	.4	4.6	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.5	5.8	9.3
ENE	.0	.5	.2	2.6	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.9	9.5
E	.0	.4	.4	4.1	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.5	5.8	9.5
ESE	.0	.2	.4	4.3	.1	.6	.0	.5	.0	.2	.0	.1	.0	.0	.5	5.9	9.8
SE	.0	.2	.4	4.3	.2	1.7	.0	.5	.0	.2	.0	.0	.0	.0	.6	7.0	10.8
SSE	.0	.2	.4	4.7	.2	2.3	.1	1.1	.0	.4	.0	.0	.0	.0	.8	8.7	11.7
S	.0	.2	.5	6.1	.3	3.7	.3	3.2	.1	1.4	.0	.2	.0	.0	1.3	14.7	13.3
SSW	.0	.1	.3	3.0	.2	1.7	.1	.7	.0	.3	.0	.0	.0	.0	.5	5.8	11.9
SW	.0	.2	.1	1.1	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2	1.7	9.2
WSW	.0	.1	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	9.0
W	.0	.2	.1	.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.6	10.3
WNW	.0	.1	.1	1.0	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.2	1.9	11.9
NW	.0	.2	.2	2.1	.0	.5	.1	.7	.0	.3	.0	.2	.0	.1	.4	4.0	12.7
NNW	.0	.1	.3	3.4	.1	1.3	.1	1.4	.1	.9	.0	.2	.0	.1	.7	7.5	13.9
CALM	.3	2.8													.3	2.8	
TOTAL	.6	6.3	4.8	53.3	1.8	19.9	1.1	12.3	.6	6.1	.1	1.6	.0	.4	9.1	100	11.4

GSW FORT WORTH, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SEW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 3 / DAY

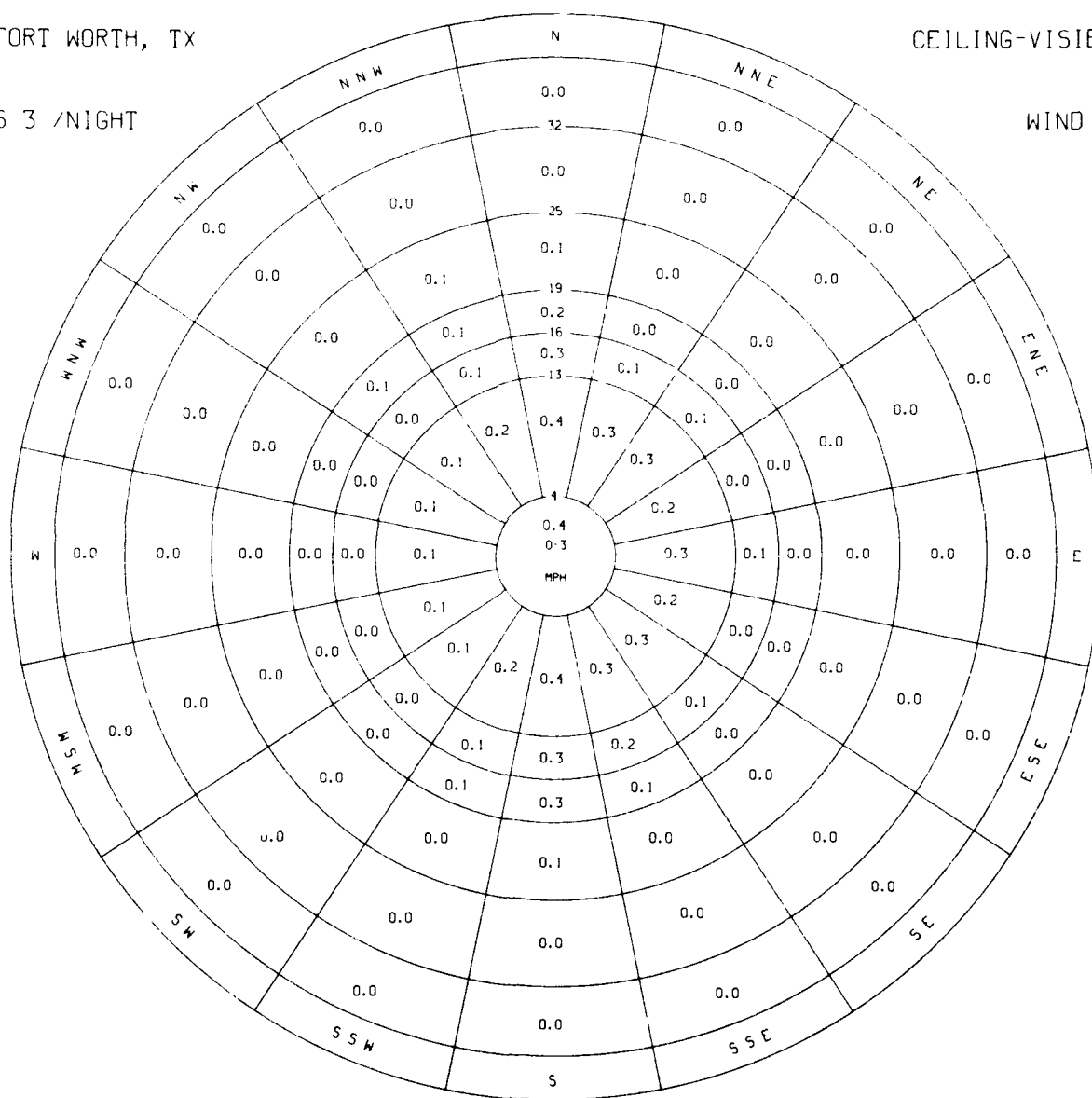
STATION NUMBER: 03927

NO. OBS.: 2365

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.4	5.1	.2	3.1	.1	1.9	.1	1.9	.0	.3	.0	.0	.9	12.5	13.6
NNE	.0	.1	.3	4.0	.1	1.8	.1	1.0	.1	1.0	.0	.1	.0	.0	.6	8.0	12.5
NE	.0	.1	.3	3.9	.1	1.4	.1	.9	.0	.4	.0	.0	.0	.0	.5	6.7	11.6
ENE	.0	.3	.2	3.1	.1	.8	.0	.5	.0	.1	.0	.0	.0	.1	.4	5.1	10.8
E	.0	.2	.3	3.9	.1	1.0	.0	.5	.0	.3	.0	.0	.0	.1	.5	6.1	11.4
ESE	.0	.2	.3	3.8	.1	.7	.0	.6	.0	.3	.0	.1	.0	.0	.4	5.6	11.1
SE	.0	.1	.3	4.6	.1	1.4	.1	.9	.0	.4	.0	.0	.0	.0	.6	7.4	11.3
SSE	.0	.3	.4	5.3	.2	2.2	.1	1.2	.0	.4	.0	.0	.0	.0	.7	9.3	11.8
S	.0	.2	.4	5.8	.3	4.1	.3	3.6	.1	1.8	.0	.0	.0	.0	1.2	15.6	13.7
SSW	.0	.1	.1	1.9	.1	1.6	.1	.8	.0	.2	.0	.0	.0	.0	.4	4.7	12.7
SW	.0	.0	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	9.1
WSW	.0	.1	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	8.2
W	.0	.1	.1	1.1	.0	.2	.0	.1	.0	.3	.0	.2	.0	.0	.1	2.0	12.9
WNW	.0	.1	.1	1.0	.0	.5	.0	.0	.0	.2	.0	.1	.0	.0	.2	2.0	12.0
NW	.0	.1	.1	1.6	.1	.8	.1	.8	.0	.4	.0	.1	.0	.1	.3	3.8	13.9
NNW	.0	.1	.3	3.6	.1	1.2	.1	1.3	.1	1.3	.0	.2	.0	.0	.6	7.7	13.6
CALM	.1	1.6													.1	1.6	
TOTAL	.3	4.0	3.8	50.3	1.6	20.9	1.1	14.2	.7	9.0	.1	1.2	.0	.4	7.5	100	12.2

CLASS 3 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 3 / NIGHT

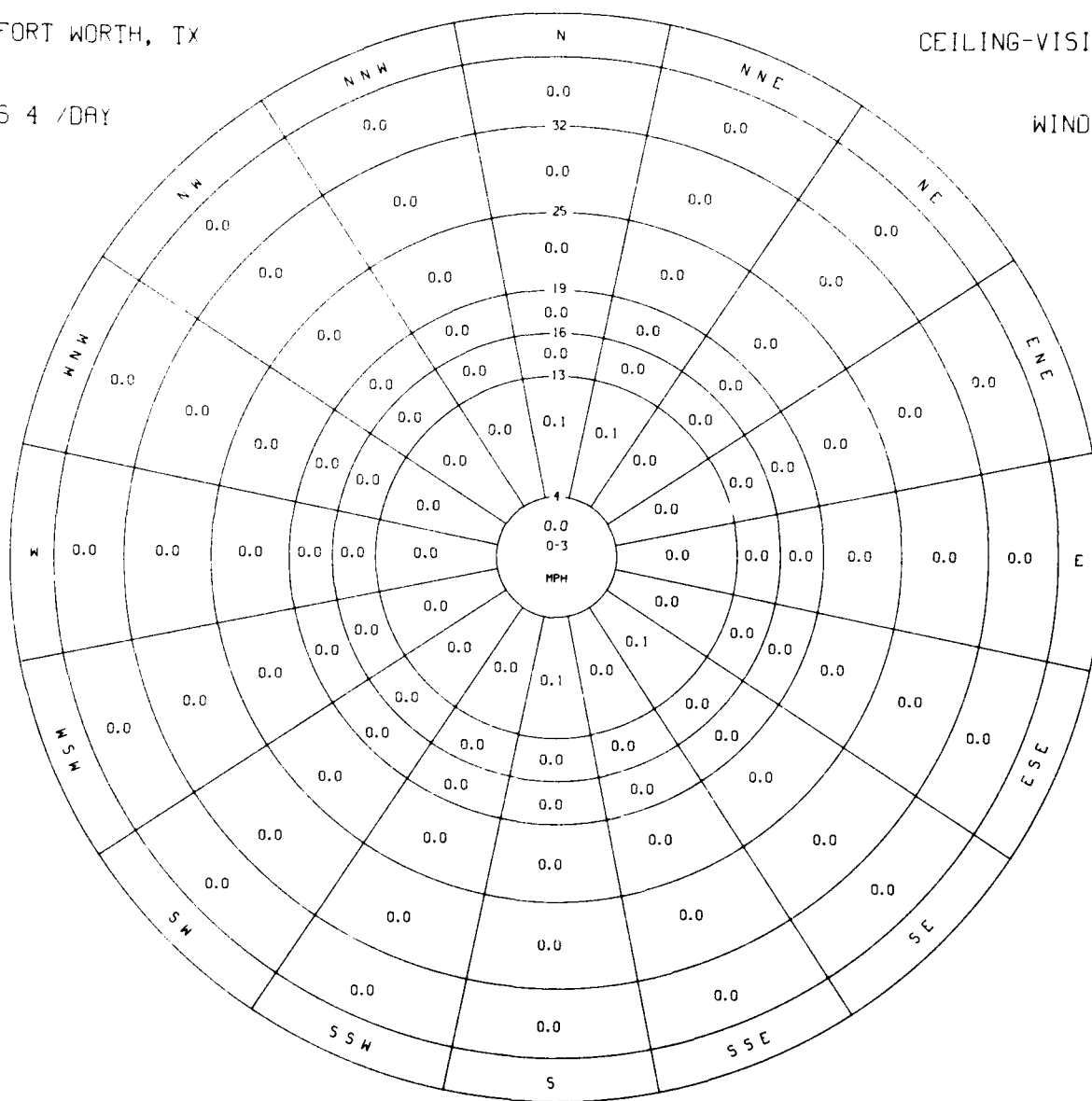
STATION NUMBER: 03927

NO. OBS.: 1908

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.4	5.7	.3	3.6	.2	3.1	.1	1.8	.0	.5	.0	.0	1.1	14.8	13.9
NNE	.0	.3	.3	3.9	.1	1.8	.0	.7	.0	.4	.0	.3	.0	.1	.5	7.4	12.2
NE	.0	.2	.3	4.2	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.4	5.5	9.8
ENE	.0	.4	.2	2.6	.0	.7	.0	.2	.0	.1	.0	.1	.0	.0	.3	4.0	10.0
E	.0	.3	.3	4.0	.1	.8	.0	.2	.0	.1	.0	.1	.0	.1	.4	5.5	9.8
ESE	.0	.1	.2	3.4	.0	.6	.0	.4	.0	.2	.0	.1	.0	.0	.3	4.7	10.4
SE	.0	.2	.3	3.8	.1	1.6	.0	.5	.0	.3	.0	.1	.0	.0	.5	6.4	11.3
SSE	.0	.2	.3	4.5	.2	2.5	.1	1.4	.0	.4	.0	.1	.0	.0	.6	9.0	12.2
S	.0	.2	.4	5.8	.3	4.0	.3	3.7	.1	1.7	.0	.2	.0	.0	1.1	15.6	13.9
SSW	.0	.1	.2	2.3	.1	2.0	.1	.9	.0	.4	.0	.0	.0	.0	.4	5.7	12.7
SW	.0	.2	.1	.9	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.1	1.5	10.3
WSW	.0	.1	.1	.8	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.1	1.1	9.9
W	.0	.3	.1	.8	.0	.3	.0	.1	.0	.2	.0	.0	.0	.1	.1	1.7	11.1
WNW	.0	.1	.1	1.0	.0	.6	.0	.2	.0	.2	.0	.1	.0	.1	.2	2.1	12.5
NW	.0	.2	.1	2.1	.0	.6	.1	.9	.0	.4	.0	.2	.0	.1	.3	4.4	13.2
NNW	.0	.1	.2	3.4	.1	1.6	.1	1.8	.1	1.1	.0	.3	.0	.2	.6	8.4	14.3
CALM	.2	2.3													.2	2.3	
TOTAL	.4	5.1	3.5	49.1	1.5	21.6	1.0	14.5	.5	7.3	.1	2.0	.0	.4	7.1	100	12.1

CLASS 4 /DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 4 / DAY

STATION NUMBER: 03927

NO. OBS.: 204

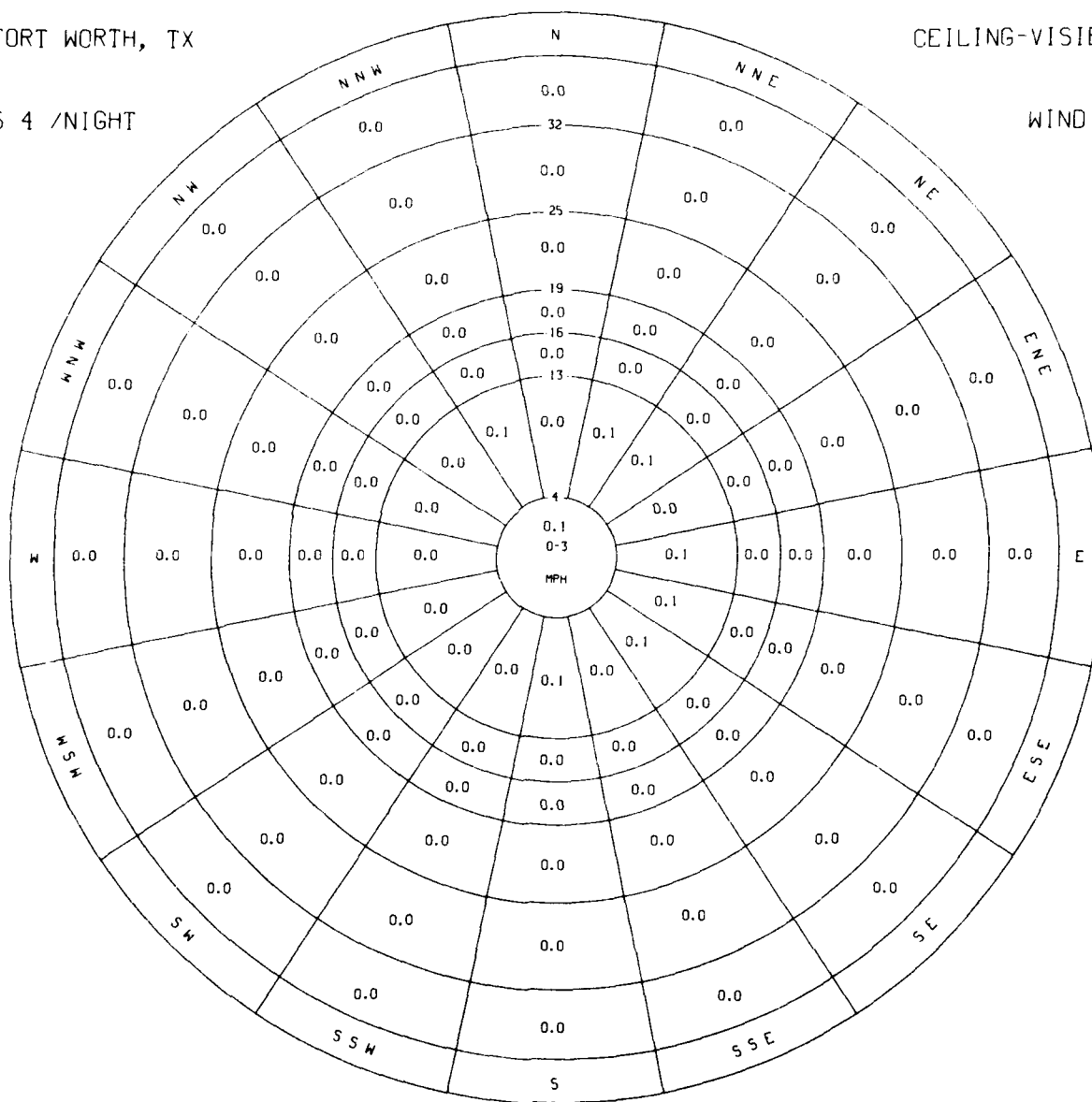
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.1	9.3	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.1	13.2	10.9
NNE	.0	.0	.1	8.3	.0	1.0	.0	.5	.0	.5	.0	.0	.0	.0	.1	10.3	9.7
NE	.0	.0	.0	3.9	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.5	.0	6.4	12.6
ENE	.0	1.5	.0	3.9	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	7.4	8.6
E	.0	.0	.0	2.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.4	9.0
ESE	.0	.0	.0	6.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	9.1
SE	.0	.0	.1	7.8	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	9.3	9.7
SSE	.0	.5	.0	5.9	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	7.8	10.1
S	.0	1.0	.1	8.3	.0	2.9	.0	.5	.0	.0	.0	.0	.0	.0	.1	12.7	10.0
SSW	.0	.0	.0	3.9	.0	.5	.0	.0	.0	.5	.0	.0	.0	.0	.0	4.9	10.9
SW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
WSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0
W	.0	.0	.0	1.0	.0	.5	.0	.0	.0	.5	.0	.5	.0	.0	.0	2.5	15.6
WNW	.0	.0	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.5
NW	.0	.0	.0	1.0	.0	1.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	2.9	12.8
NNW	.0	.0	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	3.4	19.4
CALM	.0	3.9													.0	3.9	
TOTAL	.0	7.4	.4	66.2	.1	16.2	.0	6.4	.0	2.0	.0	.5	.0	1.5	.6	100	10.1

GSW FORT WORTH, TX

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 4 / NIGHT

STATION NUMBER: 03927

NO. OBS.: 302

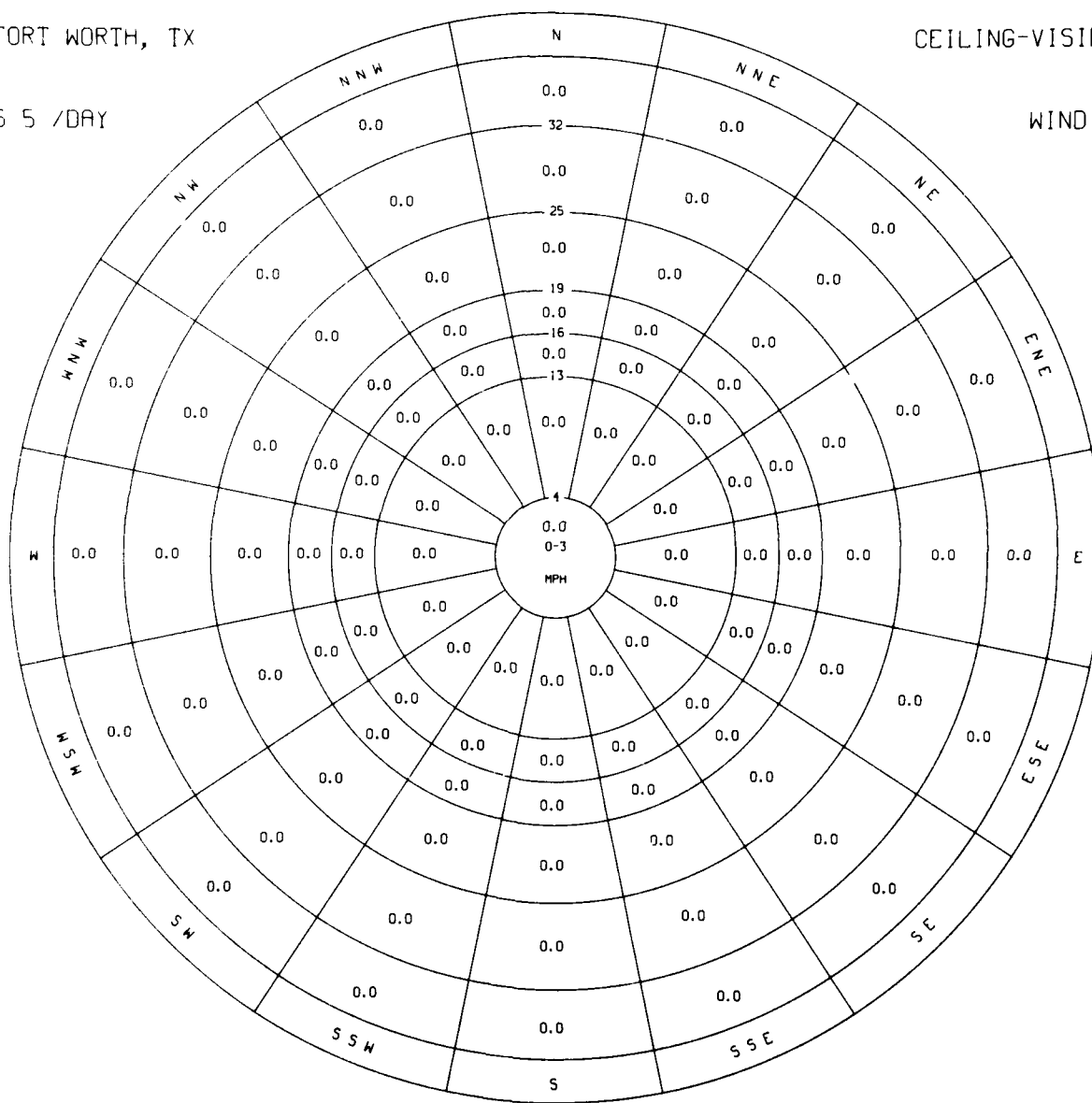
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.7	.0	4.3	.0	2.6	.0	.7	.0	1.7	.0	.0	.0	.0	.1	9.9	12.3
NNE	.0	.3	.1	7.3	.0	3.0	.0	.0	.0	.3	.0	.3	.0	.3	.1	11.6	10.7
NE	.0	.0	.1	7.0	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	8.3	8.6
ENE	.0	1.0	.0	2.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.4
E	.0	.3	.1	4.6	.0	1.3	.0	.7	.0	.0	.0	.0	.0	.0	.1	7.0	9.5
ESE	.0	.3	.1	8.6	.0	.7	.0	.3	.0	.3	.0	.0	.0	.0	.1	10.3	8.9
SE	.0	.7	.1	6.6	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.3	10.1
SSE	.0	.0	.0	4.0	.0	2.6	.0	.0	.0	.3	.0	.0	.0	.0	.1	7.0	11.1
S	.0	.0	.1	4.6	.0	2.6	.0	1.3	.0	.0	.0	.0	.0	.0	.1	8.6	11.7
SSW	.0	.0	.0	3.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	10.2
SW	.0	.3	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.6
WSW	.0	.3	.0	1.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.0
W	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.3
WNW	.0	.0	.0	1.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.3	9.5
NW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.5
NNW	.0	.0	.1	5.0	.0	.3	.0	.3	.0	.0	.0	.3	.0	.0	.1	6.0	10.6
CALM	.0	3.3													.0	3.3	
TOTAL	.1	7.3	.7	65.2	.2	19.9	.0	4.0	.0	2.6	.0	.7	.0	.3	1.1	100	9.7

GSW FORT WORTH, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 5 / DAY

STATION NUMBER: 03927

NO. OBS.: 41

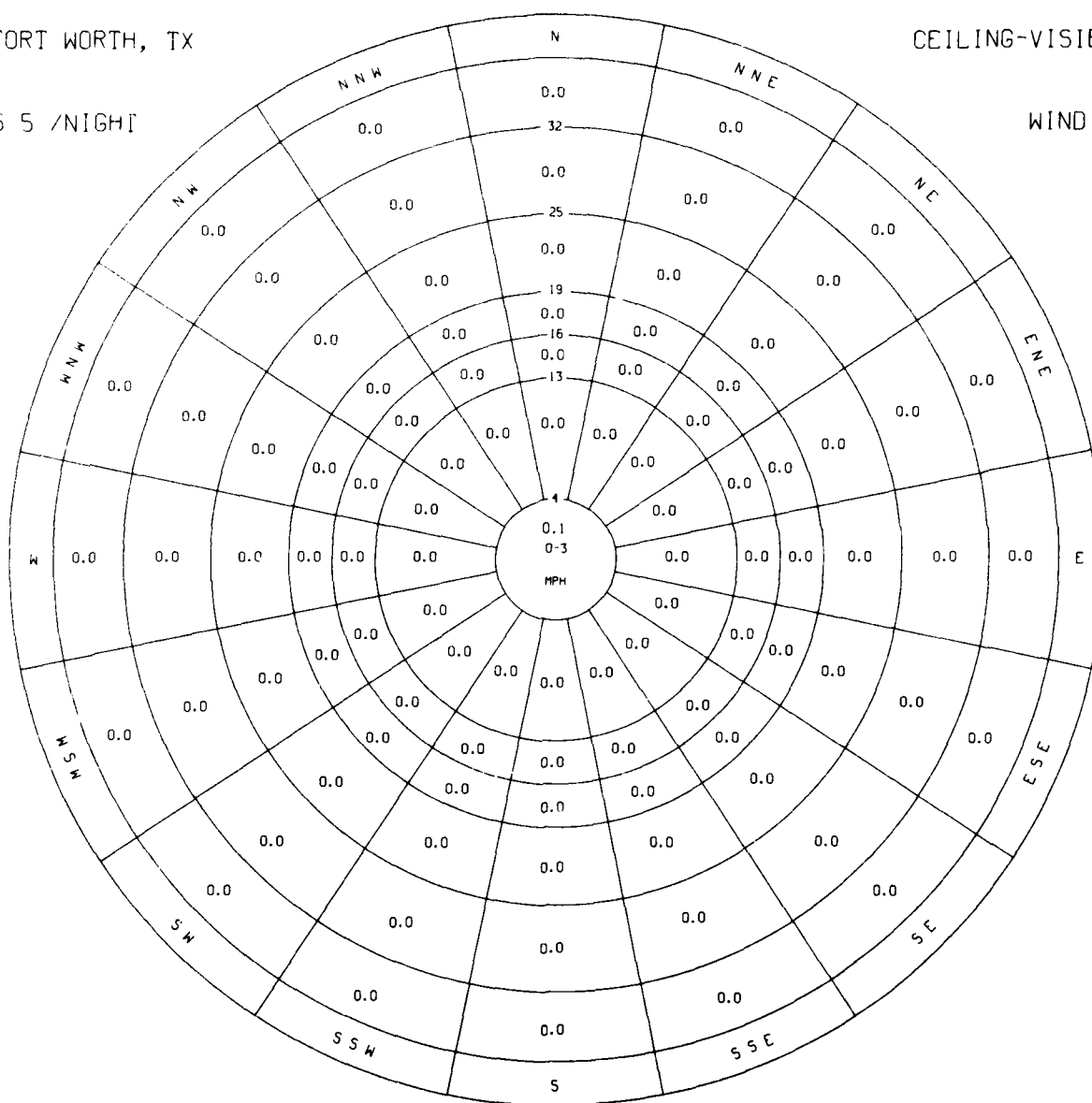
D : R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0	4.9	21.0
NNE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.0
NE	.0	4.9	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	4.0
ENE	.0	2.4	.0	4.9	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	8.2
E	.0	2.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.5
ESE	.0	.0	.0	9.8	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.6	9.8
SE	.0	2.4	.0	9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.2	7.8
SSE	.0	.0	.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	6.3
S	.0	.0	.0	12.2	.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.5	10.6
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.0
W	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0	4.9	19.5
WNW	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	14.0
NW	.0	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	2.4	16.0
NNW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.0
CALM	.0	.0													.0	.0	
TOTAL	.0	12.2	.1	63.4	.0	17.1	.0	2.4	.0	.0	.0	.0	.0	4.9	.1	100	9.7

GSW FORT WORTH, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 5 / NIGHT

STATION NUMBER: 03927

NO. OBS.: 128

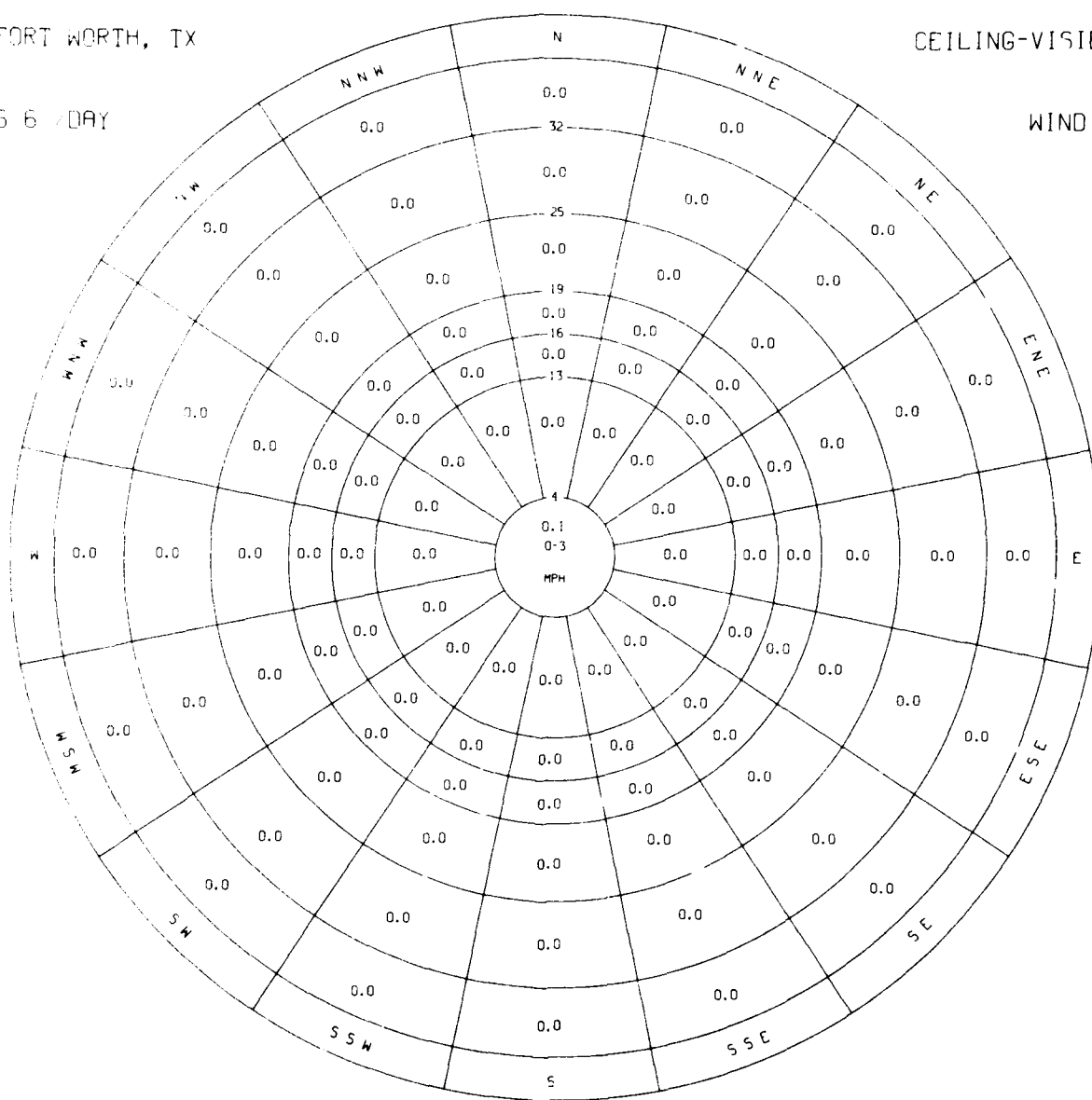
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.8	.0	4.7	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	7.0	9.3
NNE	.0	.8	.0	8.6	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	10.2	8.4
NE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.3
ENE	.0	.0	.0	2.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	10.2
E	.0	1.6	.0	6.3	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	9.4	8.6
ESE	.0	.8	.0	6.3	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	10.2	9.8
SE	.0	.8	.0	6.3	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	8.6	8.6
SSE	.0	.0	.0	8.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	8.8
S	.0	.8	.0	8.6	.0	3.1	.0	1.6	.0	.0	.0	.0	.0	.0	.1	14.1	10.1
SSW	.0	.0	.0	6.3	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	7.0	9.6
SW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.2
WSW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.0
W	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.0
WNW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.5
NW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	3.1	16.2
NNW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	8.7
CALM	.0	4.7													.0	4.7	
TOTAL	.1	10.9	.3	71.9	.0	8.6	.0	7.0	.0	.8	.0	.0	.0	.8	.5	100	8.8

GSW FORT WORTH, TX

CLASS 6 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 6 / DAY

STATION NUMBER: 03927

NO. OBS.: 52

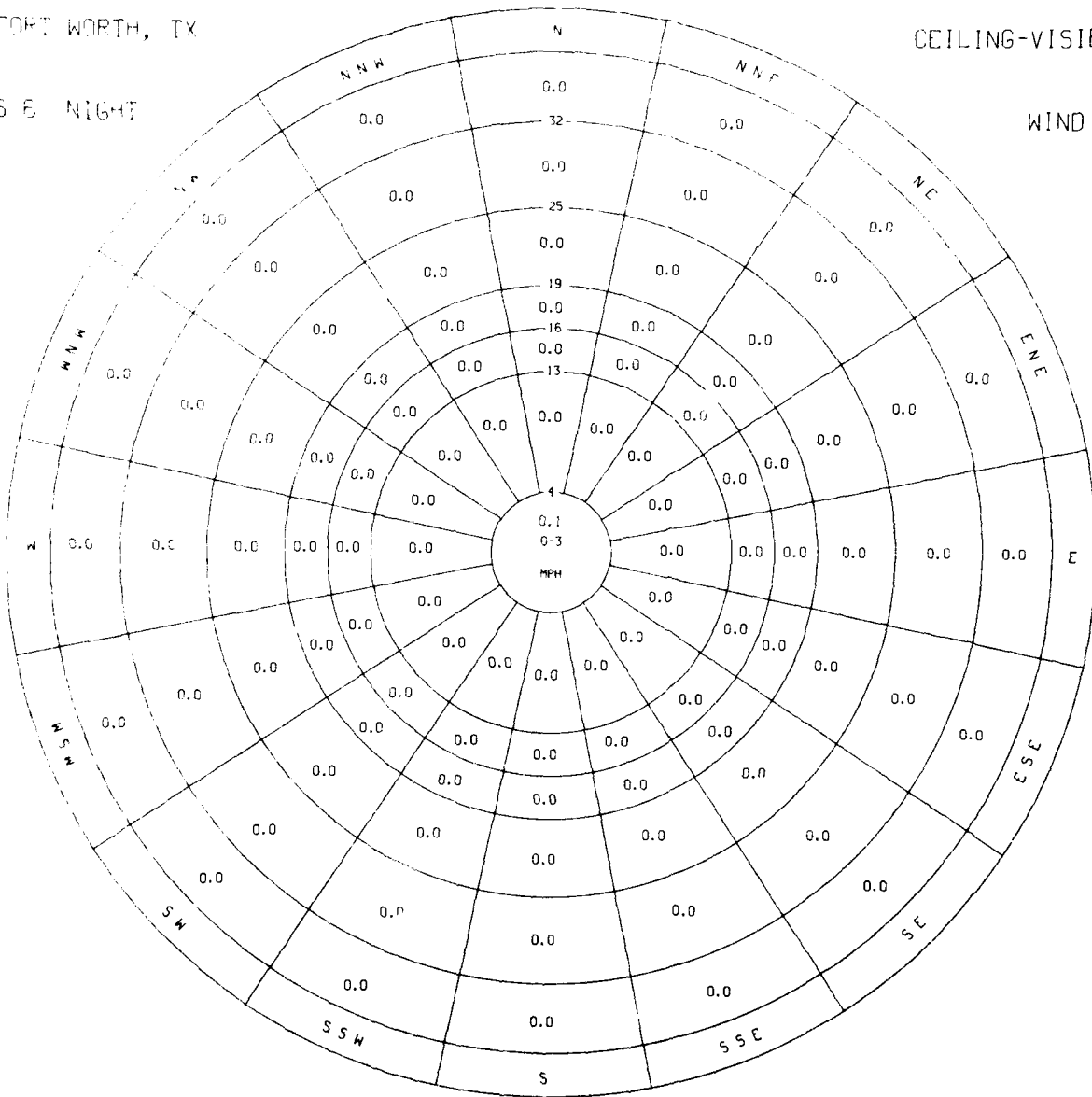
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.0
NNE	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	6.3
NE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.5
ENE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0
E	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	12.0
ESE	.0	3.8	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	5.2
SE	.0	3.8	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	6.5
SSE	.0	.0	.0	11.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.5	8.0
S	.0	.0	.0	11.5	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	13.5	10.7
SSW	.0	.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	8.0
SW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0
WSW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0
W	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	10.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	17.3													.0	17.3	
TOTAL	.1	30.8	.1	65.4	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.2	100	6.1

GSW FORT WORTH, TX

CLASS E NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GSW FORT WORTH, TX

PERIOD: 1954-1973

CLASS 6 / NIGHT

STATION NUMBER: 03927

NO. OBS.: 87

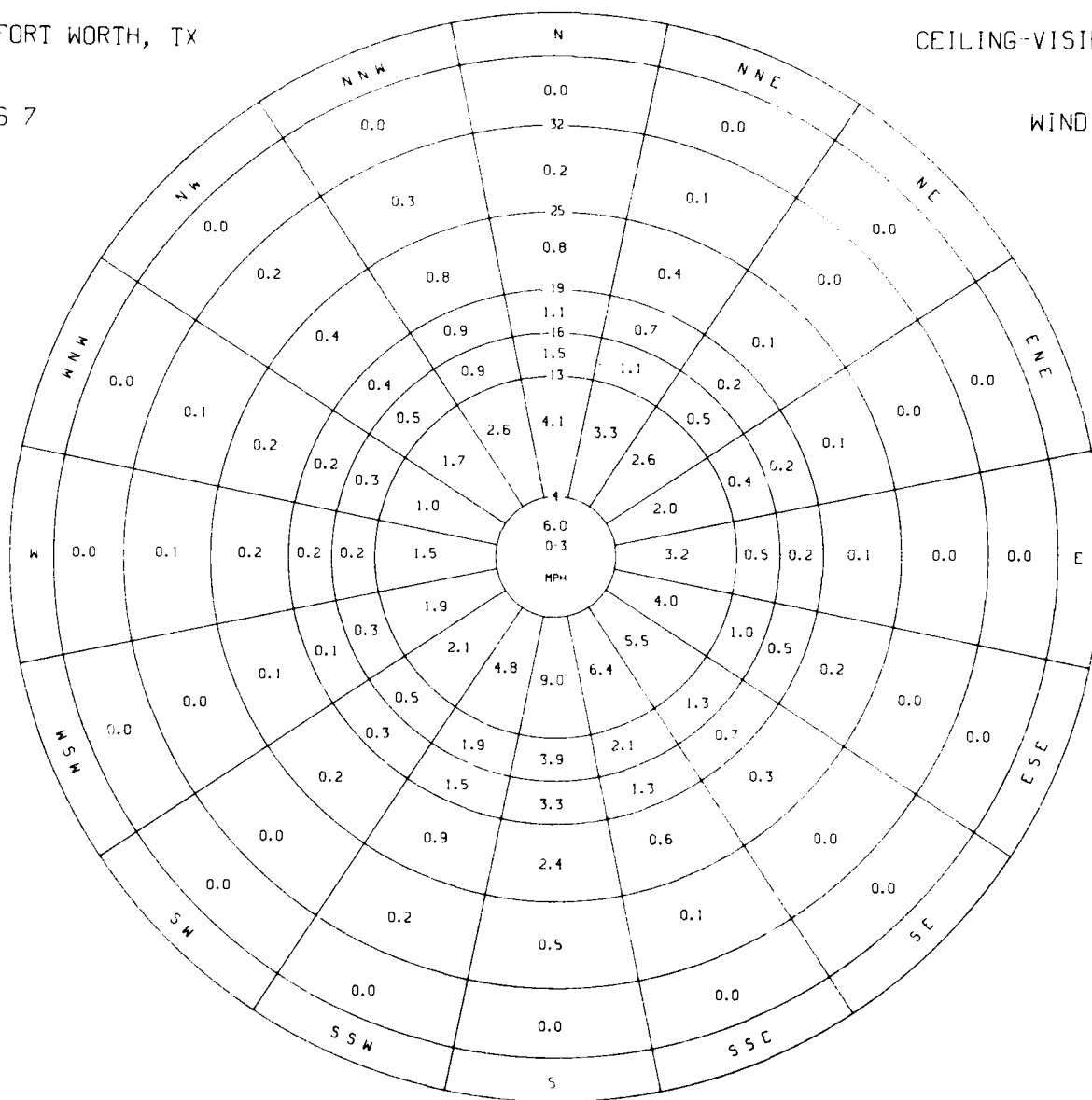
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.3
NNE	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.7
NE	.0	.0	.0	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	6.9
ENE	.0	1.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.7
E	.0	1.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.3
ESE	.0	2.3	.0	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	6.3
SE	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.4
SSE	.0	2.3	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	5.7
S	.0	1.1	.0	13.8	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.1	17.2	9.2
SSW	.0	.0	.0	10.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	8.0
SW	.0	1.1	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.2
WSW	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.5
W	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	11.5													.0	11.5	
TOTAL	.1	21.8	.2	75.9	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.3	100	6.2

GSW FORT WORTH, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

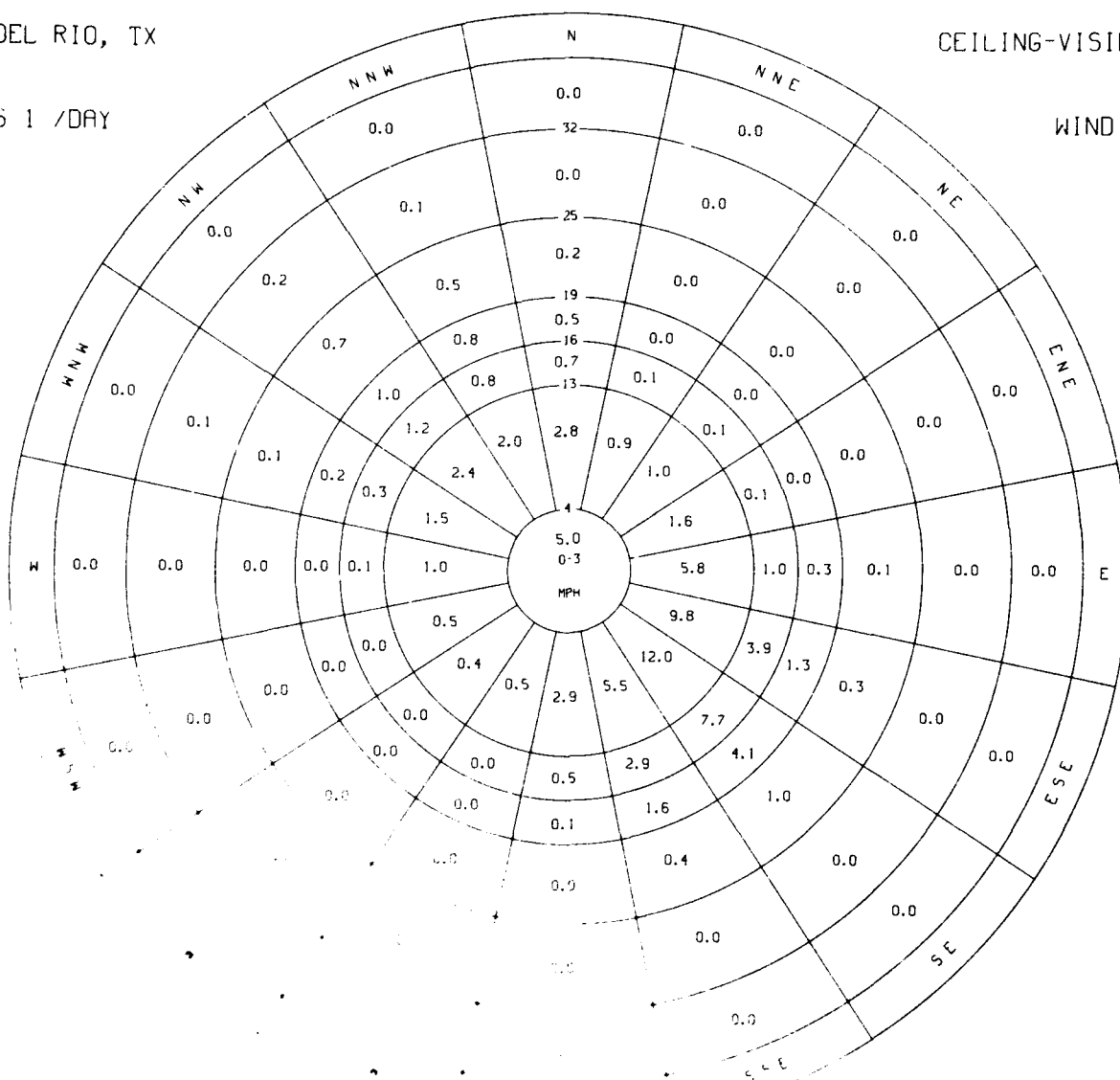


DRI DEL RIO, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 1 / DAY

STATION NUMBER: 22010

NO. OBS.: 21484

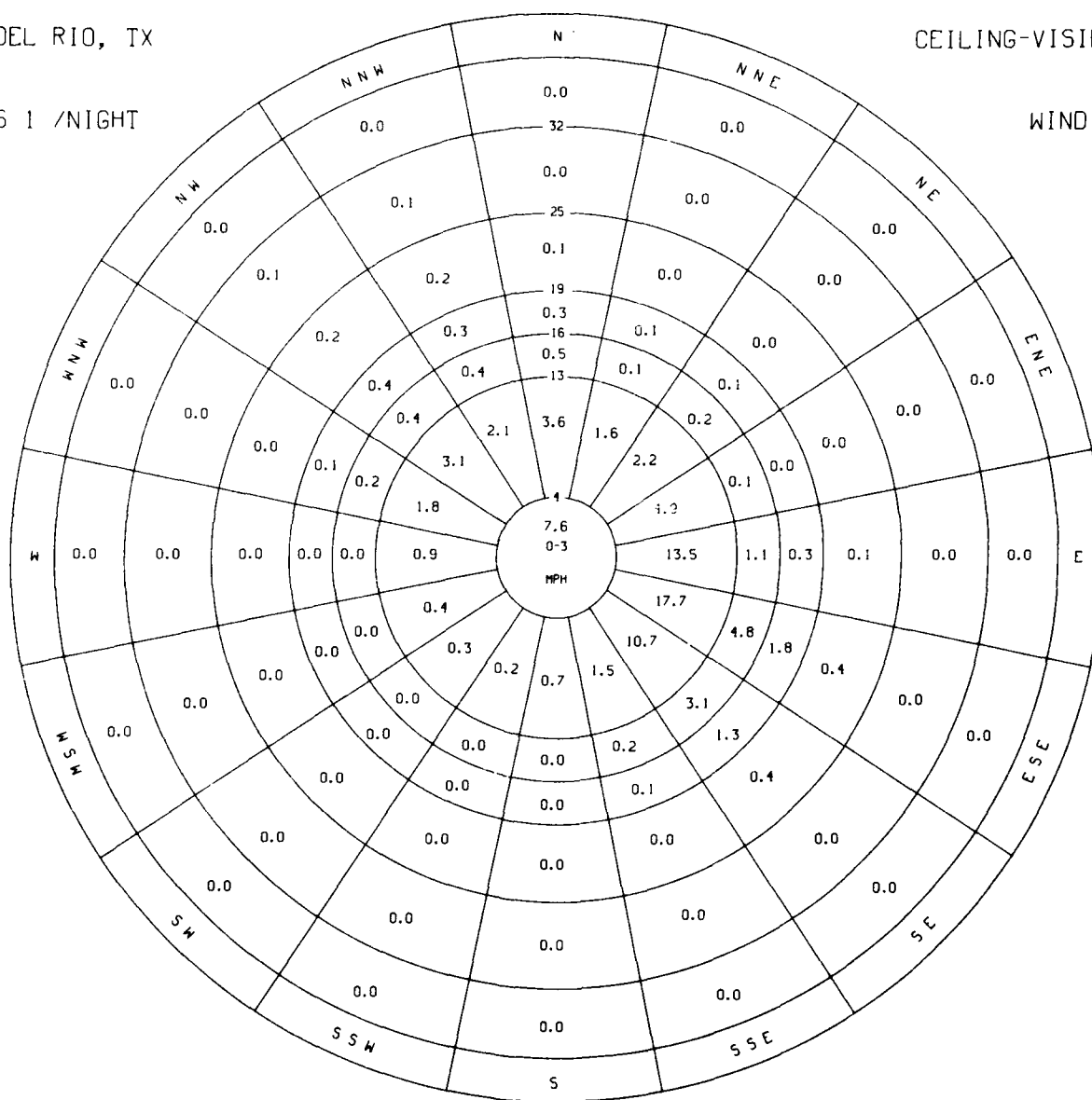
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	.2	2.8	3.1	.7	.8	.5	.5	.2	.2	.0	.0	.0	.0	4.3	4.8	10.4
NNE	.1	.1	.9	1.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.3	8.2
NE	.2	.2	1.0	1.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.3	1.5	7.9
ENE	.2	.2	1.6	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.2	7.7
E	.2	.2	5.8	6.5	1.0	1.1	.3	.3	.1	.1	.0	.0	.0	.0	7.3	8.2	9.4
ESE	.1	.2	9.8	11.0	3.9	4.3	1.3	1.5	.3	.3	.0	.0	.0	.0	15.4	17.4	11.2
SE	.2	.2	12.0	13.6	7.7	8.6	4.1	4.6	1.0	1.1	.0	.0	.0	.0	25.0	28.2	12.5
SSE	.2	.2	5.5	6.2	2.9	3.2	1.6	1.8	.4	.4	.0	.0	.0	.0	10.6	11.9	11.8
S	.2	.3	2.9	3.3	.5	.5	.1	.2	.0	.0	.0	.0	.0	.0	3.8	4.3	8.7
SSW	.1	.1	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.7	5.9
SW	.1	.2	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.7	5.8
WSW	.2	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.7	5.6
W	.2	.2	1.0	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	7.2
WNW	.1	.2	1.5	1.7	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	2.4	2.7	10.5
NW	.1	.1	2.4	2.7	1.2	1.3	1.0	1.1	.7	.8	.2	.2	.0	.0	5.6	6.3	13.3
NNW	.1	.1	2.0	2.3	.8	.9	.8	.9	.5	.5	.1	.1	.0	.0	4.3	4.9	12.8
CALM	2.5	2.8													2.5	2.8	
TOTAL	5.0	5.7	50.6	57.0	19.3	21.7	10.1	11.4	3.3	3.7	.4	.5	.0	.1	88.8	100	10.9

ORT DEL RIO, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 1 / NIGHT

STATION NUMBER: 22010

NO. OBS.: 17745

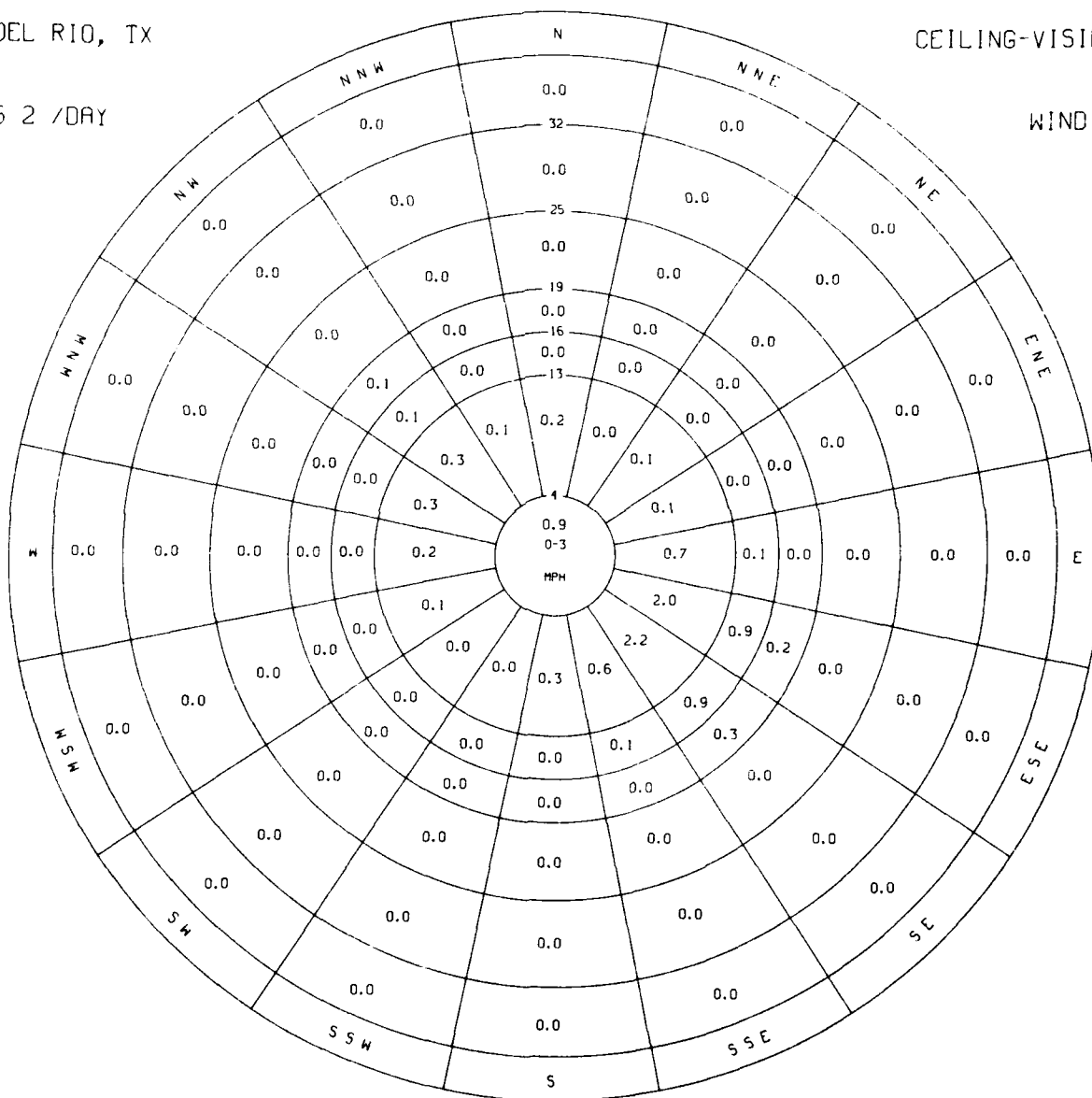
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.3	3.6	4.0	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	4.8	5.3	9.0
NNE	.1	.1	1.6	1.8	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.0	2.2	8.4
NE	.2	.3	2.2	2.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.0	7.9
ENE	.3	.3	4.9	5.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.9	7.2
E	.4	.4	13.5	14.9	1.1	1.2	.3	.4	.1	.1	.0	.0	.0	.0	15.4	17.0	8.6
ESE	.3	.4	17.7	19.6	4.8	5.3	1.8	2.0	.4	.5	.0	.0	.0	.0	25.1	27.7	10.5
SE	.3	.3	10.7	11.8	3.1	3.4	1.3	1.4	.4	.5	.0	.0	.0	.0	15.8	17.4	10.6
SSE	.2	.2	1.5	1.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.0	2.2	8.2
S	.2	.3	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	5.9
SSW	.1	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	6.0
SW	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	5.6
WSW	.2	.2	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.7	5.2
W	.2	.2	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.2	6.2
WNW	.1	.1	1.8	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2	2.4	8.3
NW	.1	.2	3.1	3.4	.4	.4	.4	.5	.2	.2	.1	.1	.0	.0	4.3	4.8	10.0
NNW	.1	.1	2.1	2.3	.4	.4	.3	.3	.2	.2	.1	.1	.0	.0	3.1	3.5	10.5
CALM	4.3	4.8													4.3	4.8	
TOTAL	7.6	8.4	65.2	72.1	11.1	12.2	4.8	5.3	1.5	1.7	.2	.3	.0	.0	90.4	100	9.0

DRT DEL RIO, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DPT DEL RIO, TX

PERIOD: 1964-1978

CLASS 2 / DAY

STATION NUMBER: 22010

NO. OBS.: 2721

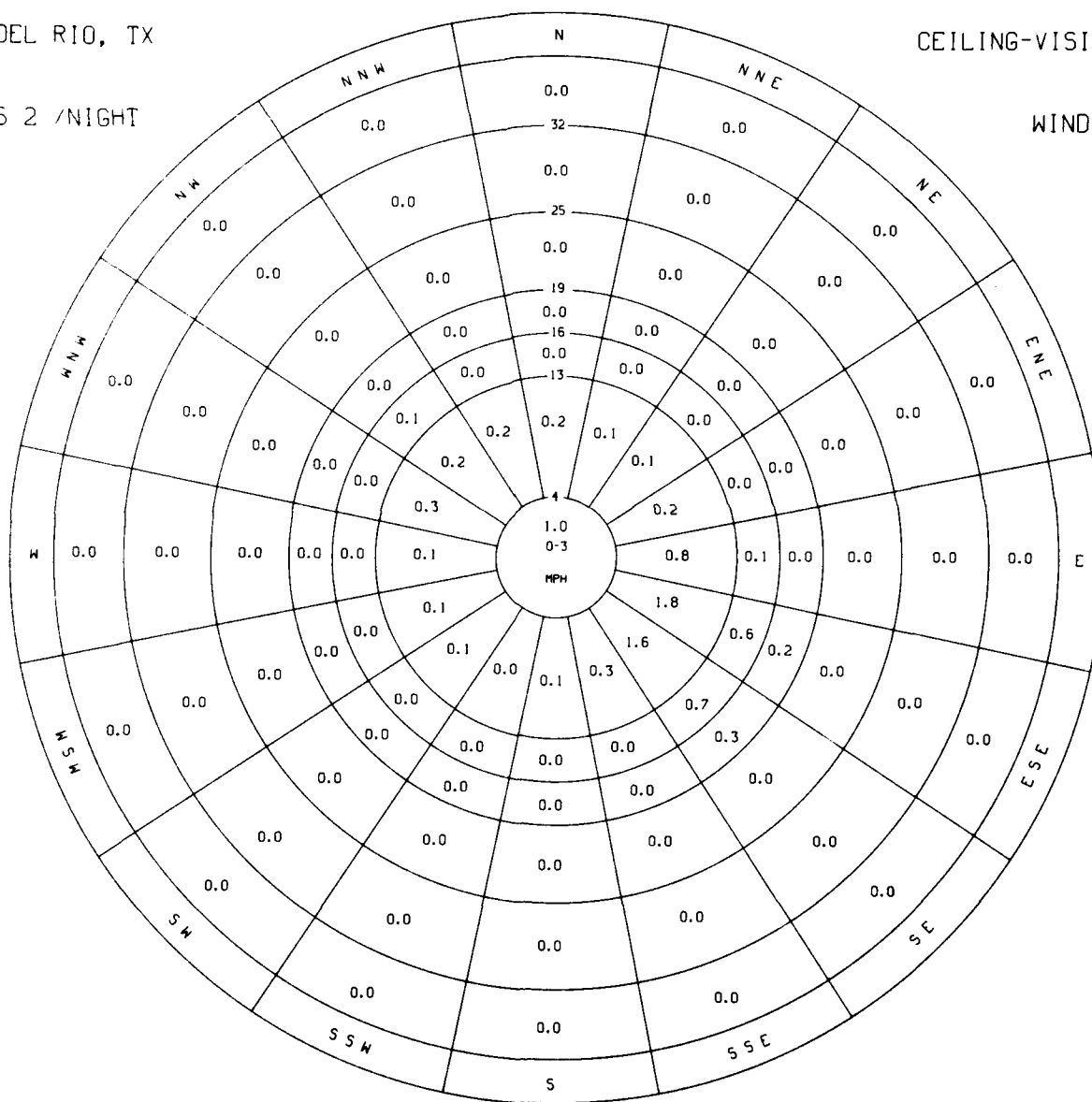
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.2	1.4	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.9	8.6
NNE	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	10.5
NE	.0	.1	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.2	9.1
ENE	.0	.1	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	9.6
E	.0	.3	.7	6.3	.1	.9	.0	.4	.0	.0	.0	.0	.0	.0	.9	7.9	9.2
ESE	.0	.3	2.0	17.4	.9	7.8	.2	1.7	.0	.1	.0	.0	.0	.0	3.1	27.3	11.0
SE	.0	.1	2.2	20.0	.9	8.4	.3	2.9	.0	.4	.0	.0	.0	.0	3.6	31.9	11.4
SSE	.0	.2	.3	5.3	.1	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.8	6.8	9.5
S	.0	.3	.3	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.7	6.4
SSW	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.5
SW	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	4.9
WSW	.0	.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	5.3
W	.0	.4	.2	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	6.7
WNW	.1	.6	.3	2.4	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.5	8.1
NW	.0	.2	.3	3.1	.1	.6	.1	.5	.0	.3	.0	.0	.0	.0	.5	4.7	10.7
NNW	.0	.1	.1	1.1	.0	.4	.0	.3	.0	.2	.0	.0	.0	.0	.2	2.1	11.4
CALM	.5	4.5													.5	4.5	
TOTAL	.9	8.0	7.2	63.9	2.3	20.1	.7	6.4	.2	1.4	.0	.1	.0	.1	11.2	100	9.9

DRT DEL RIO, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 2 / NIGHT

STATION NUMBER: 22010

NO. OBS.: 1874

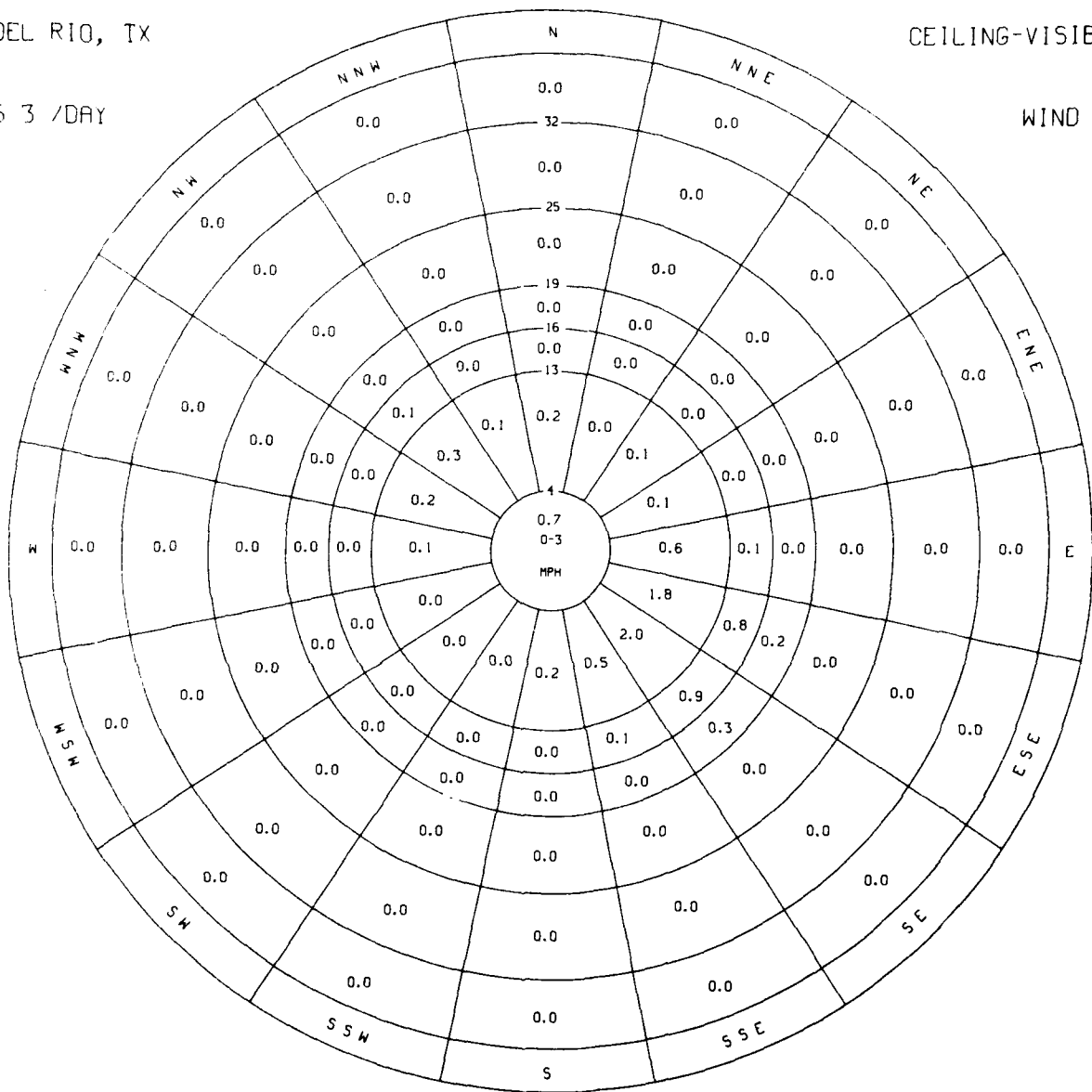
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.2	2.1	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.3	3.1	8.4
NNE	.0	.1	.1	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.7	7.1
NE	.1	.6	.1	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.2	7.4
ENE	.0	.4	.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	6.2
E	.1	.5	.8	8.8	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.0	1.0	10.7	8.9
ESE	.0	.3	1.8	18.4	.6	6.7	.2	1.9	.0	.3	.0	.0	.0	.0	2.6	27.5	10.6
SE	.0	.5	1.6	17.1	.7	7.5	.3	3.0	.0	.2	.0	.0	.0	.1	2.7	28.3	11.3
SSE	.0	.2	.3	3.4	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.4	4.1	9.0
S	.0	.5	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	5.5
SSW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0
SW	.0	.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	6.0
WSW	.0	.1	.1	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.8	6.8
W	.0	.2	.1	1.3	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.7	7.7
WNW	.0	.0	.3	2.7	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.3	3.3	9.7
NW	.0	.2	.2	2.6	.1	.6	.0	.3	.0	.2	.0	.0	.0	.1	.4	3.9	10.0
NNW	.0	.2	.2	2.1	.0	.2	.0	.3	.0	.2	.0	.1	.0	.1	.3	3.0	10.1
CALM	.6	5.8													.6	5.8	
TOTAL	1.0	10.1	6.2	64.7	1.6	17.0	.6	6.5	.1	1.4	.0	.2	.0	.2	9.6	100	9.4

DRT DEL RIO, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 3 / DAY

STATION NUMBER: 22010

NO. OBS.: 2399

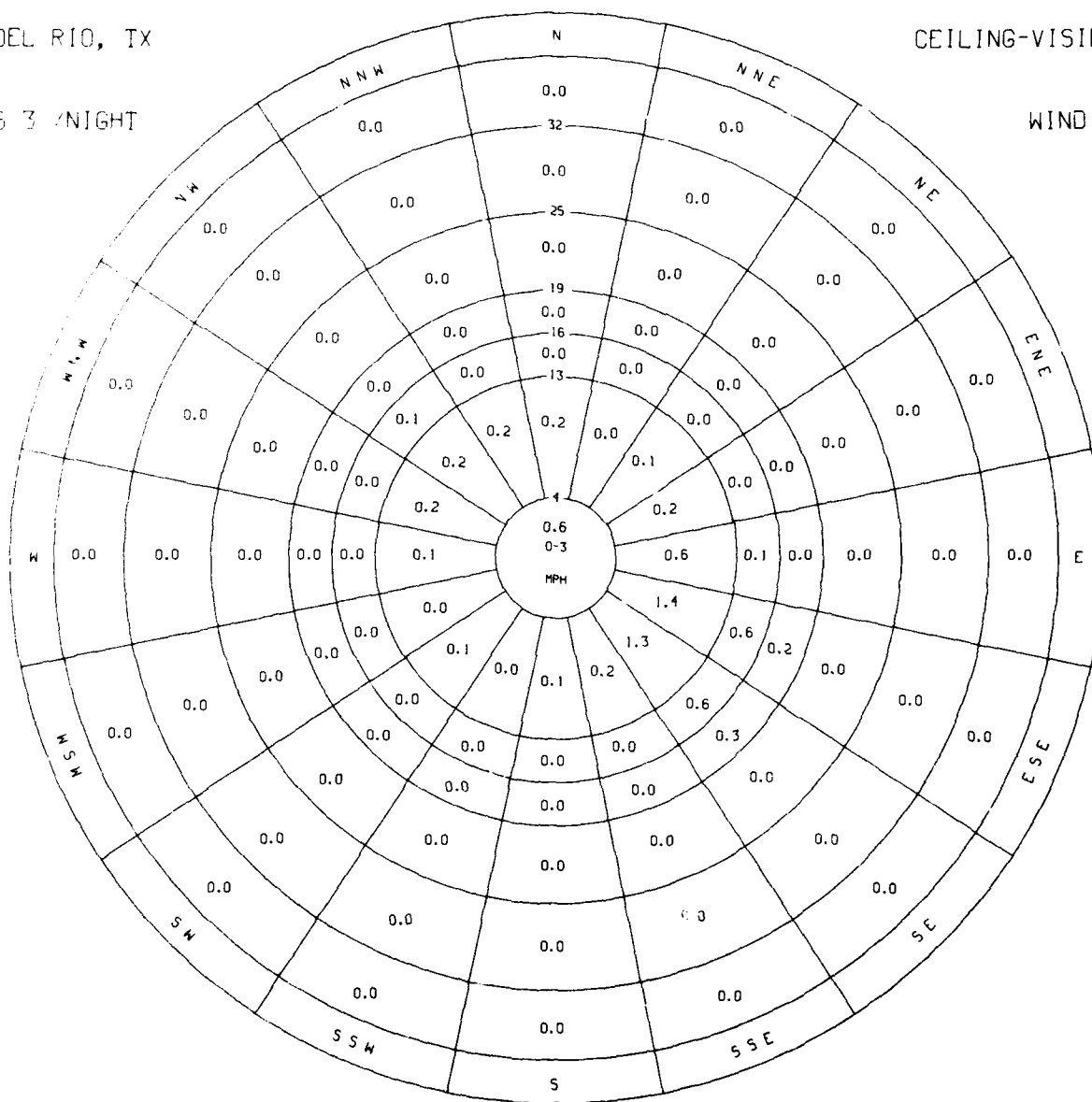
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.1	.2	1.6	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.2	2.1	8.4
NNE	.0	.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	10.5
NE	.0	.0	.1	1.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.3	8.2
ENE	.0	.1	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	7.6
E	.0	.3	.6	6.3	.1	1.0	.0	.4	.0	.0	.0	.0	.0	.0	.8	8.0	9.5
ESE	.0	.1	1.8	17.8	.8	8.3	.2	1.9	.0	.2	.0	.0	.0	.0	2.8	28.3	11.2
SE	.0	.1	2.0	20.2	.9	9.0	.3	3.2	.0	.4	.0	.0	.0	.0	3.3	32.9	11.5
SSE	.0	.1	.5	5.2	.1	.9	.0	.3	.0	.0	.0	.0	.0	.0	.7	6.6	9.8
S	.0	.3	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	6.6
SSW	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.5
SW	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0
WSW	.0	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	5.9
W	.0	.3	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	6.8
WNW	.0	.5	.2	2.0	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.3	3.2	8.5
NW	.0	.1	.3	2.8	.1	.7	.0	.5	.0	.3	.0	.0	.0	.0	.4	4.5	11.3
NNW	.0	.1	.1	1.1	.0	.4	.0	.3	.0	.2	.0	.0	.0	.0	.2	2.1	11.2
CALM	.4	3.8													.4	3.8	
TOTAL	.7	6.6	6.3	63.6	2.1	21.4	.7	6.9	.1	1.4	.0	.1	.0	.0	9.9	100	10.1

ORT DEL RIO, TX

CLASS 3 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 3 / NIGHT

STATION NUMBER: 22010

NO. OBS.: 1480

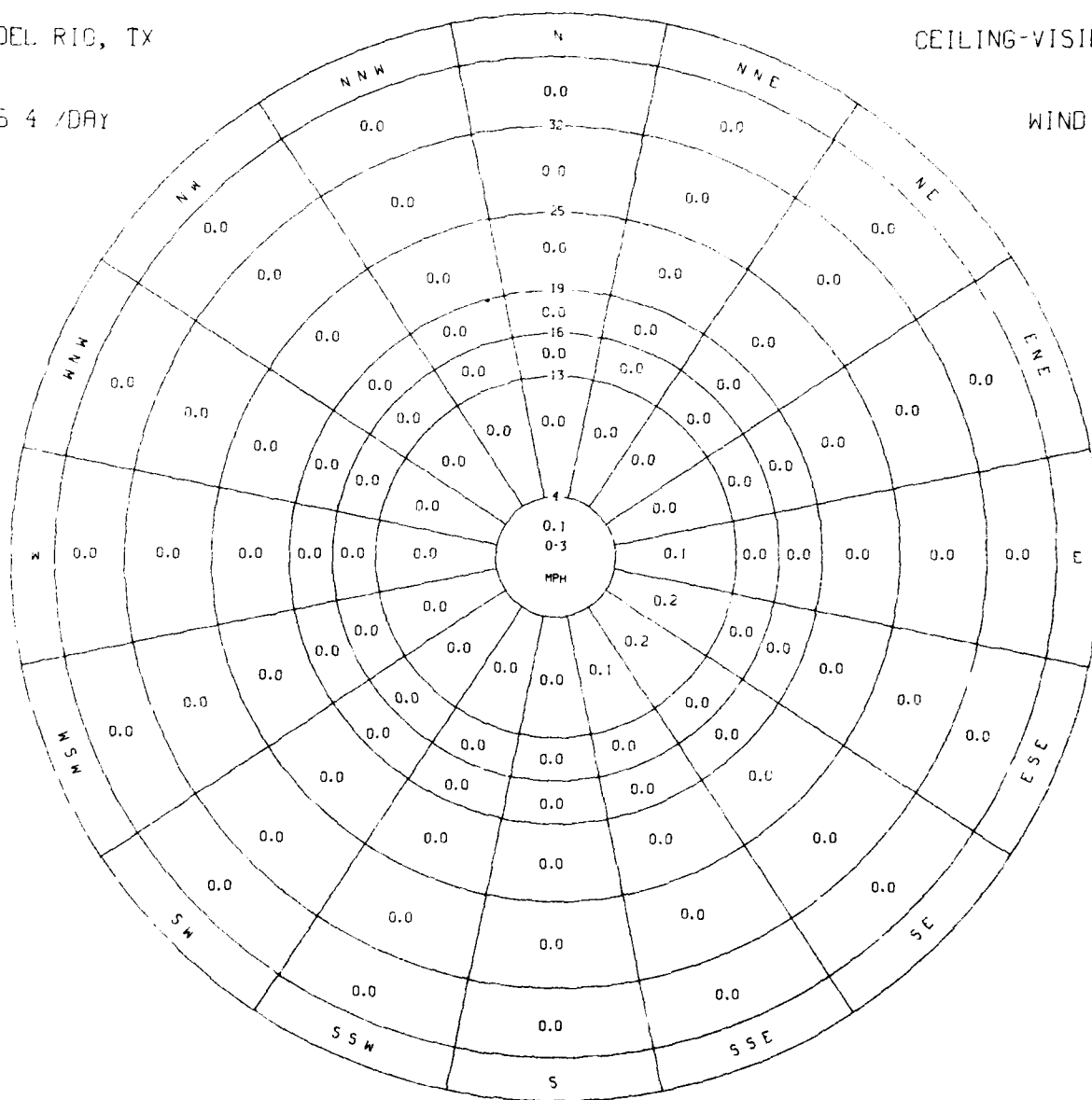
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.2	2.4	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.3	3.5	8.8
NNE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.5	8.8
NE	.0	.6	.1	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.2	7.8
ENE	.0	.3	.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	6.6
E	.0	.5	.6	8.4	.1	1.2	.0	.3	.0	.1	.0	.0	.0	.0	.8	10.5	9.3
ESE	.0	.1	1.4	18.1	.6	7.6	.2	2.3	.0	.3	.0	.0	.0	.0	2.2	28.5	10.9
SE	.0	.3	1.3	17.3	.6	8.0	.3	3.6	.0	.3	.0	.0	.0	.1	2.2	29.5	11.6
SSE	.0	.1	.2	3.0	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3	3.8	9.3
S	.0	.6	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	5.2
SSW	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0
SW	.0	.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	6.3
WSW	.0	.0	.0	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	8.0
W	.0	.2	.1	.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.1	8.3
WNW	.0	.0	.2	2.4	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.2	3.0	9.6
NW	.0	.1	.2	2.4	.1	.7	.0	.3	.0	.2	.0	.0	.0	.0	.3	3.8	10.4
NNW	.0	.1	.2	2.3	.0	.3	.0	.3	.0	.1	.0	.1	.0	.0	.2	3.2	9.7
CALM	.4	4.7													.4	4.7	
TOTAL	.6	8.2	4.8	63.2	1.4	18.9	.6	7.8	.1	1.7	.0	.1	.0	.1	7.5	100	9.8

DRT DEL RIO, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-19

CLASS 4 / DAY

STATION NUMBER: 22010

NO. OBS.: 2

D : R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.5	21.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
NE	.0	.5	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.4	11.7
ENE	.0	.0	.0	.5	.0	.5	.0	.0	.0	.5	.0	.0	.0	.5	.0	1.9	21.2
E	.0	.0	.1	6.9	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.1	8.3	8.0
ESE	.0	.3	.2	17.1	.0	5.1	.0	.5	.0	.0	.0	.0	.0	.0	.2	23.6	10.0
SE	.0	.0	.2	2.0	.0	5.1	.0	1.4	.0	.5	.0	.0	.0	.0	.2	27.8	10.2
SSE	.0	.5	.1	6.9	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.1	9.7	8.8
S	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.0
WSW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.1
W	.0	1.9	.0	1.4	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	4.2	7.5
WNW	.0	.9	.0	3.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.9
NW	.0	.5	.0	4.6	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.1	6.0	8.6
NNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.7
CALM	.1	6.0													.1	6.0	
TOTAL	.1	11.6	.6	67.1	.1	14.4	.0	4.6	.0	1.9	.0	.0	.0	.5	.9	100	8.9

AD-A108 165

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)
JUN 81

JUN 81

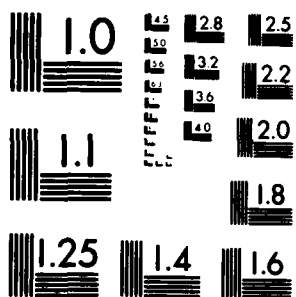
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3 - 6

27-28



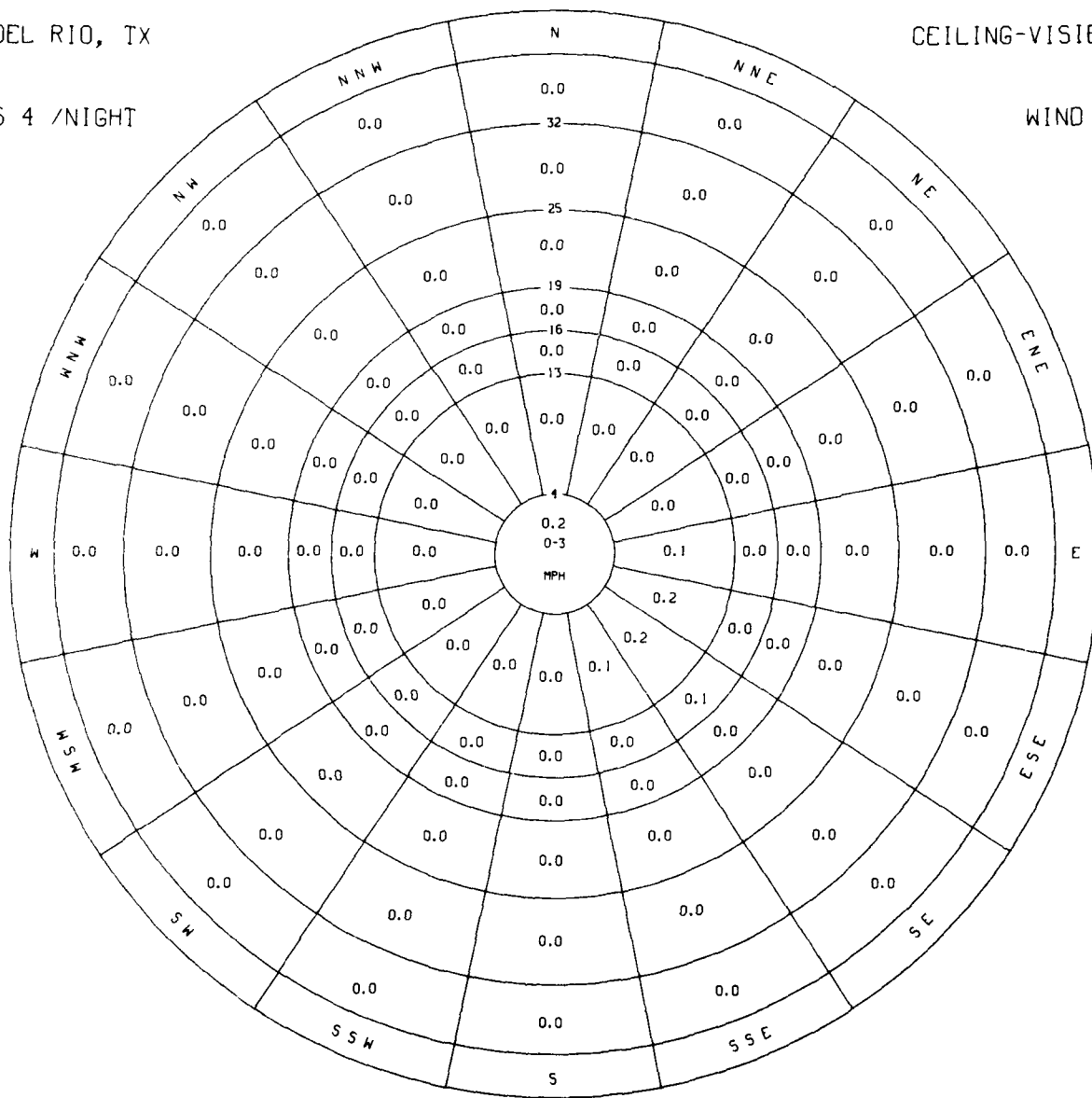
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963 A.

DRT DEL RIO, TX

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-197

CLASS 4 / NIGHT

STATION NUMBER: 22010

NO. OBS.: 22

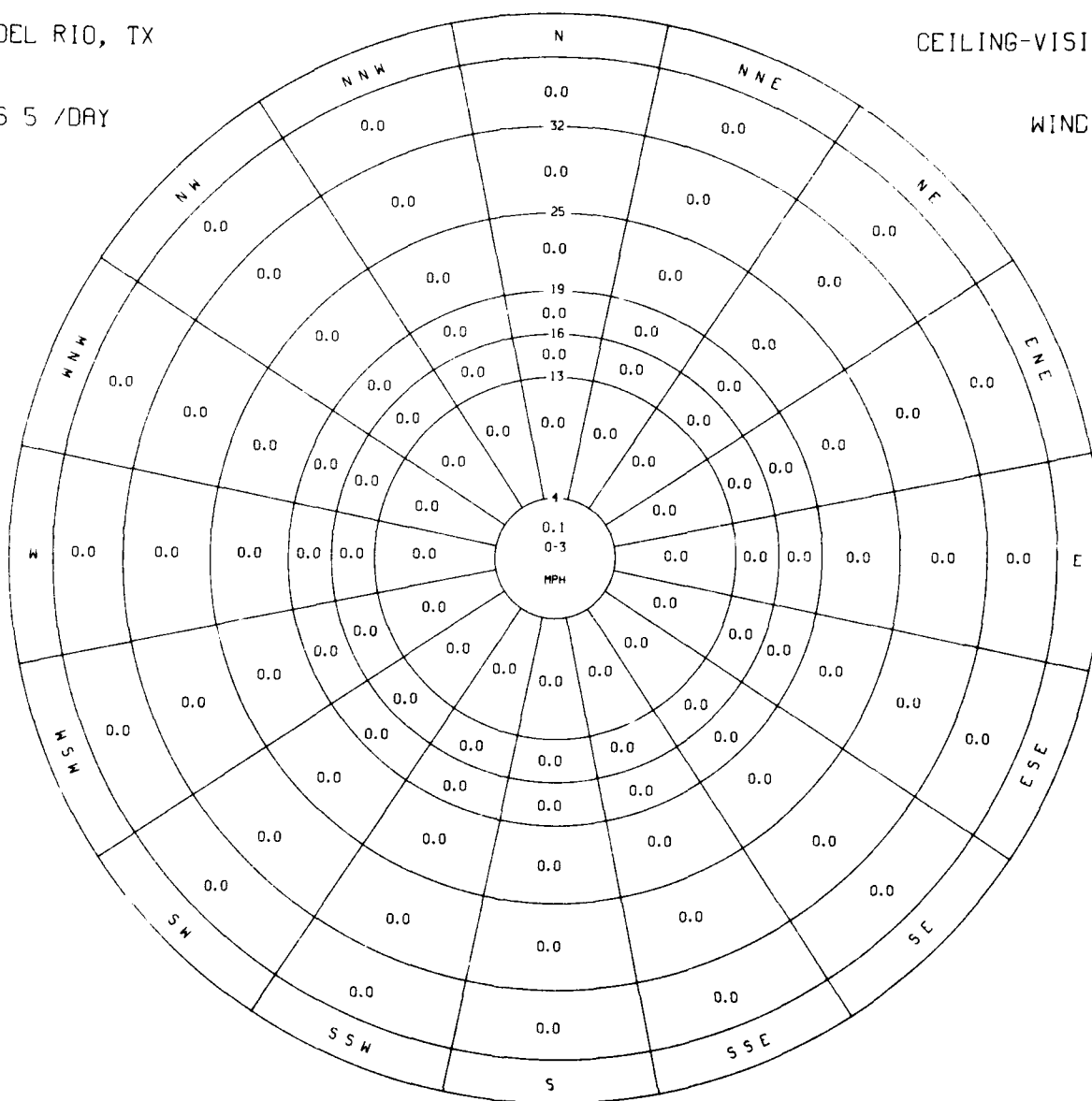
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
NNE	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.7
NE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.0
ENE	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.7
E	.0	.4	.1	11.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.2	7.8
ESE	.0	1.3	.2	18.8	.0	3.9	.0	.4	.0	.0	.0	.0	.0	.0	.3	24.5	9.1
SE	.0	1.7	.2	17.9	.1	7.4	.0	1.3	.0	.0	.0	.0	.0	.0	.3	28.4	10.1
SSE	.0	.4	.1	4.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	5.7	8.6
S	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.7
SSW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
SW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
WSW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
W	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.0
WNW	.0	.0	.0	2.6	.0	.0	.0	.4	.0	.0	.0	.4	.0	.0	.0	3.5	11.5
NW	.0	.4	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.4	.0	.0	3.5	9.9
NNW	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.4	.0	.0	.4	.0	.0	3.1	12.7
CALM	.1	7.4													.1	7.4	
TOTAL	.2	15.7	.8	67.7	.1	12.2	.0	2.6	.0	.4	.0	.4	.0	.9	1.2	100	8.3

DRT DEL RIO, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 5 / DAY

STATION NUMBER: 22010

NO. OBS.: 55

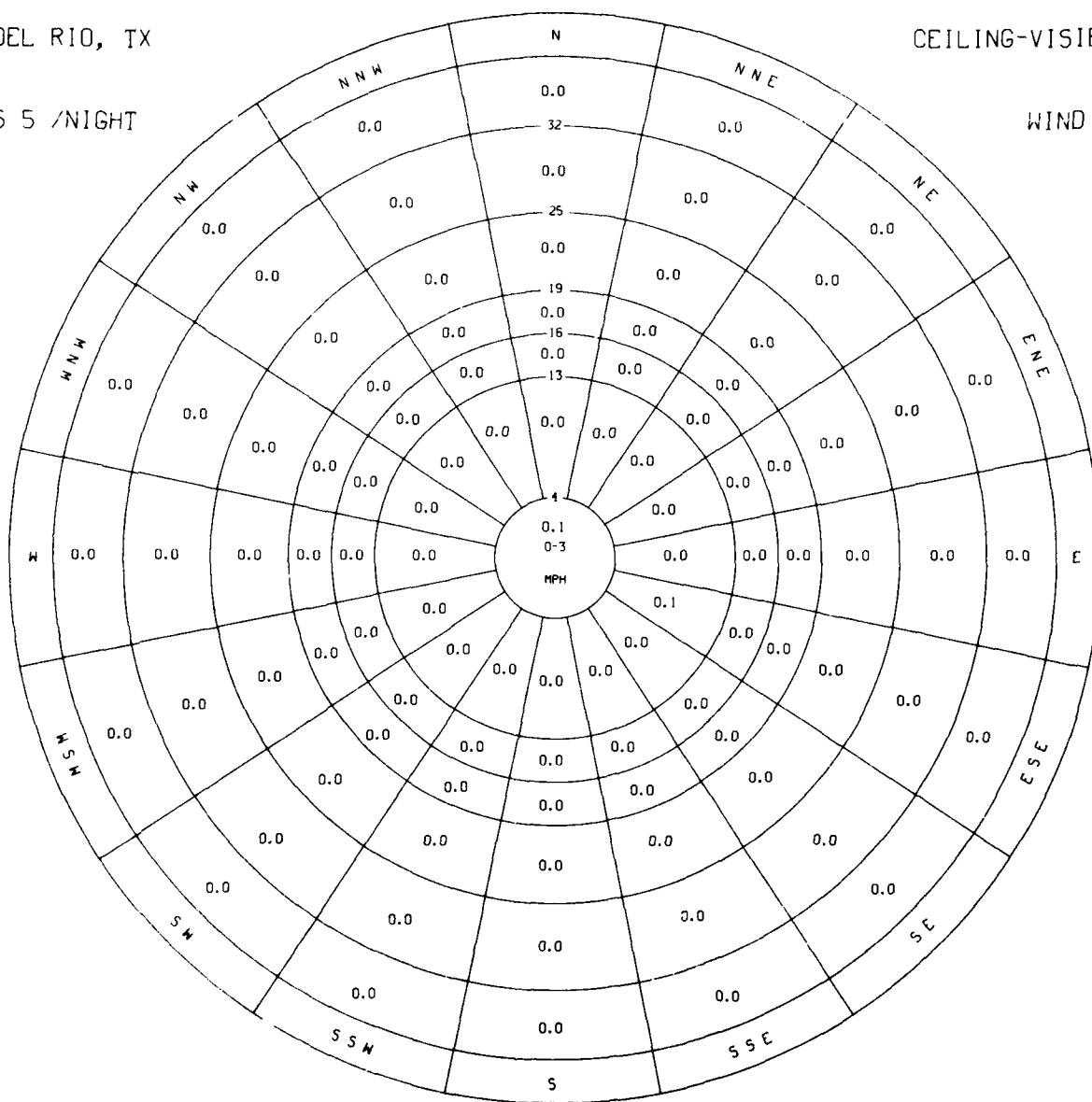
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	1.8	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.3
ESE	.0	3.6	.0	12.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.4	6.4
SE	.0	.0	.0	20.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.8	9.3
SSE	.0	3.6	.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	5.3
S	.0	1.8	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.0
WSW	.0	1.8	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	4.3
W	.0	1.8	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	5.0
WNW	.0	.0	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.0
NW	.0	3.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	6.5
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	10.9													.0	10.9	
TOTAL	.1	30.9	.2	67.3	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	100	5.8

DRT DEL RIO, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 5 / NIGHT

STATION NUMBER: 22010

NO. OBS.: 68

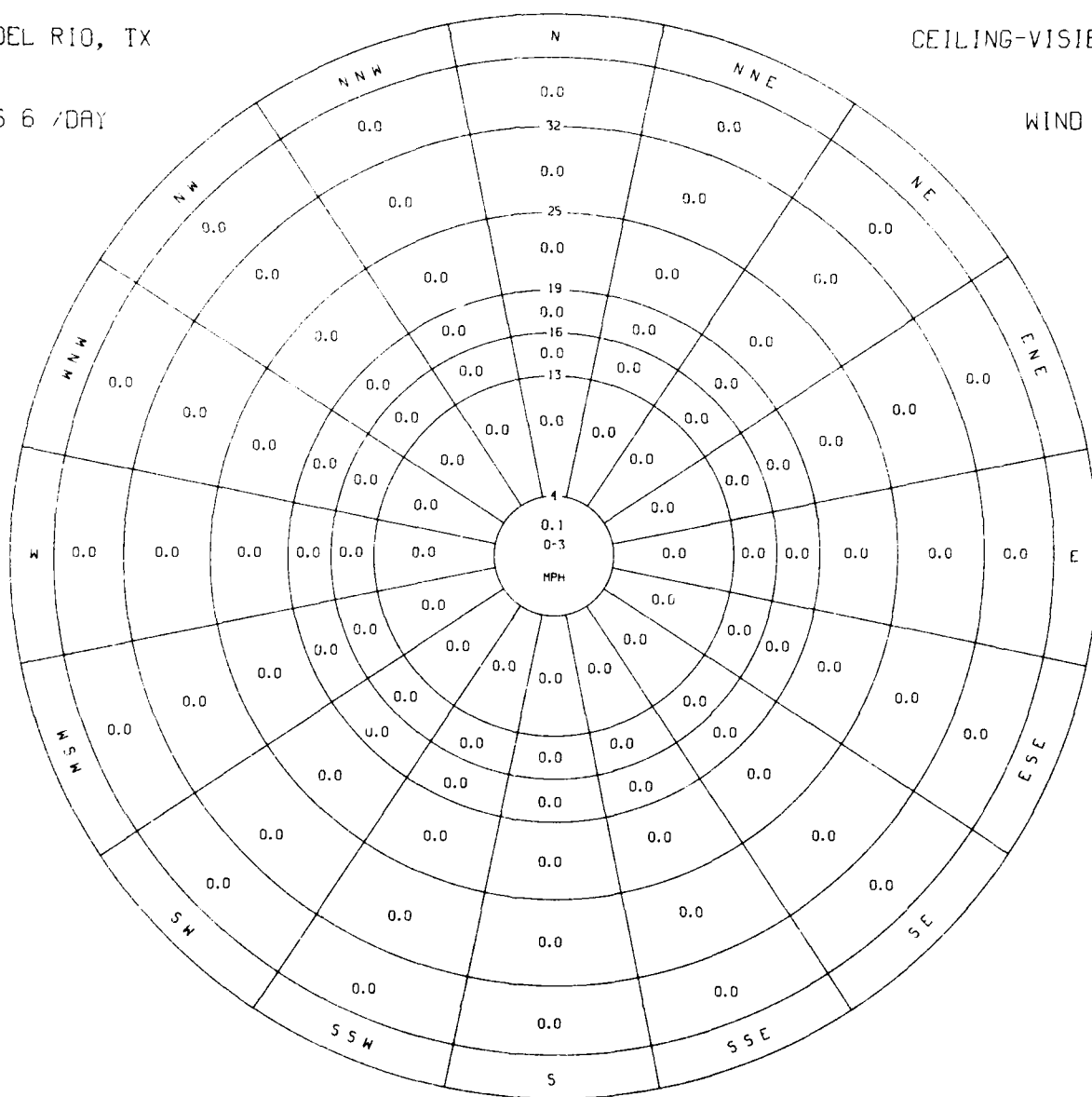
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.0
NNE	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.5
E	.0	1.5	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	6.5
ESE	.0	1.5	.1	22.1	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	27.9	9.0
SE	.0	.0	.0	13.2	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	17.6	9.9
SSE	.0	.0	.0	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	7.2
S	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.7
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.0
W	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	10.5
WNW	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	11.0
NW	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.5
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	11.8													.0	11.8	
TOTAL	.1	16.2	.3	75.0	.0	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	7.3

DRT DEL RIO, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 6 / DAY

STATION NUMBER: 22010

NO. OBS.: 51

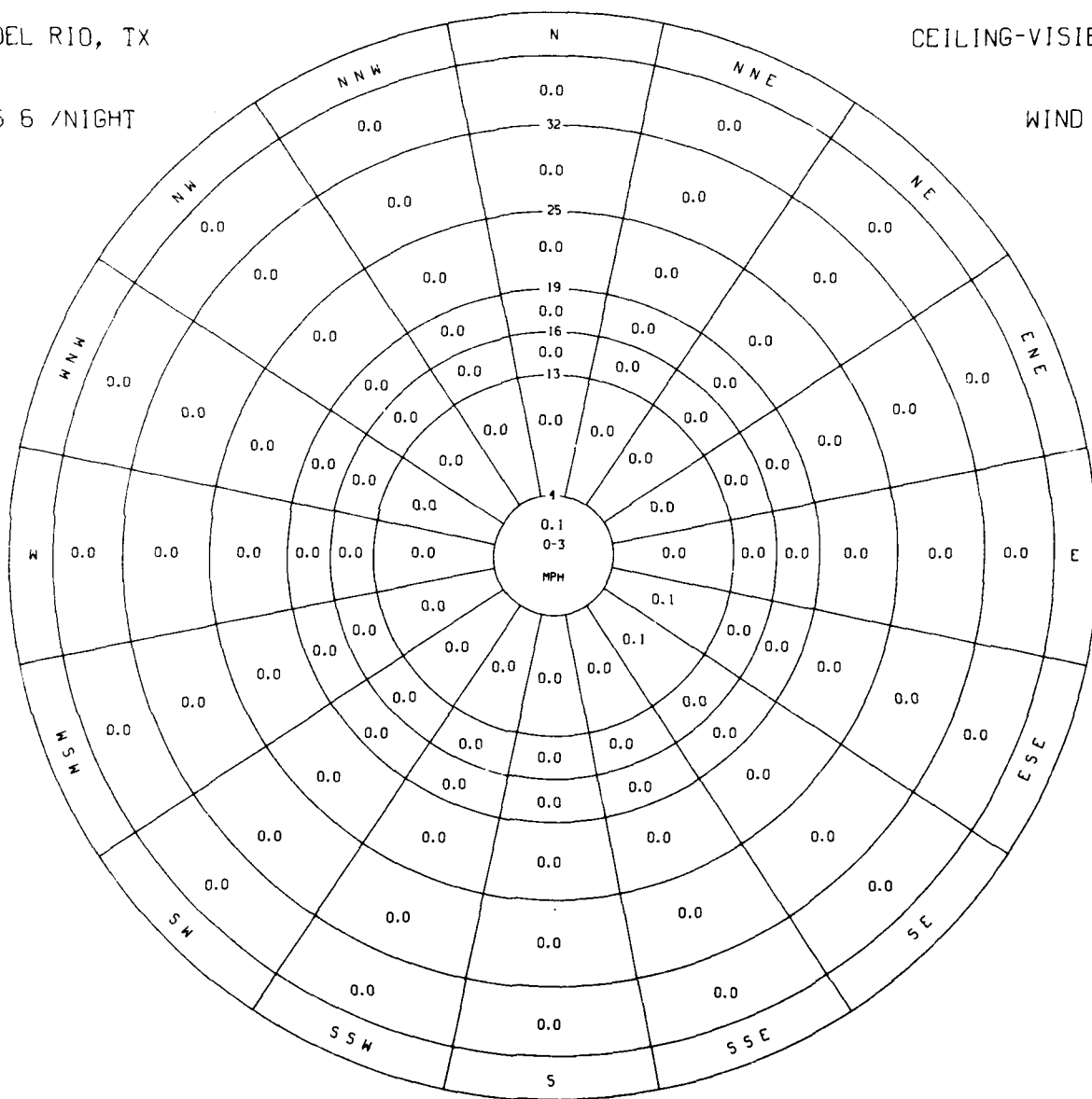
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	.0	.0	2.0	29.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	2.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.3
ESE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.3
SE	.0	2.0	.0	7.8	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	8.5
SSE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0
S	.0	2.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	4.3
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.0
WSW	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
W	.0	.0	.0	9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	5.4
WNW	.0	2.0	.0	9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	5.5
NW	.0	.0	.0	7.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.3
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	3.9	24.0
CALM	.1	25.5													.1	25.5	
TOTAL	.1	35.3	.1	58.8	.0	2.0	.0	.0	.0	.0	.0	2.0	.0	2.0	.2	100	5.7

DRT DEL RIO, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DRT DEL RIO, TX

PERIOD: 1964-1978

CLASS 6 / NIGHT

STATION NUMBER: 22010

NO. OBS.: 97

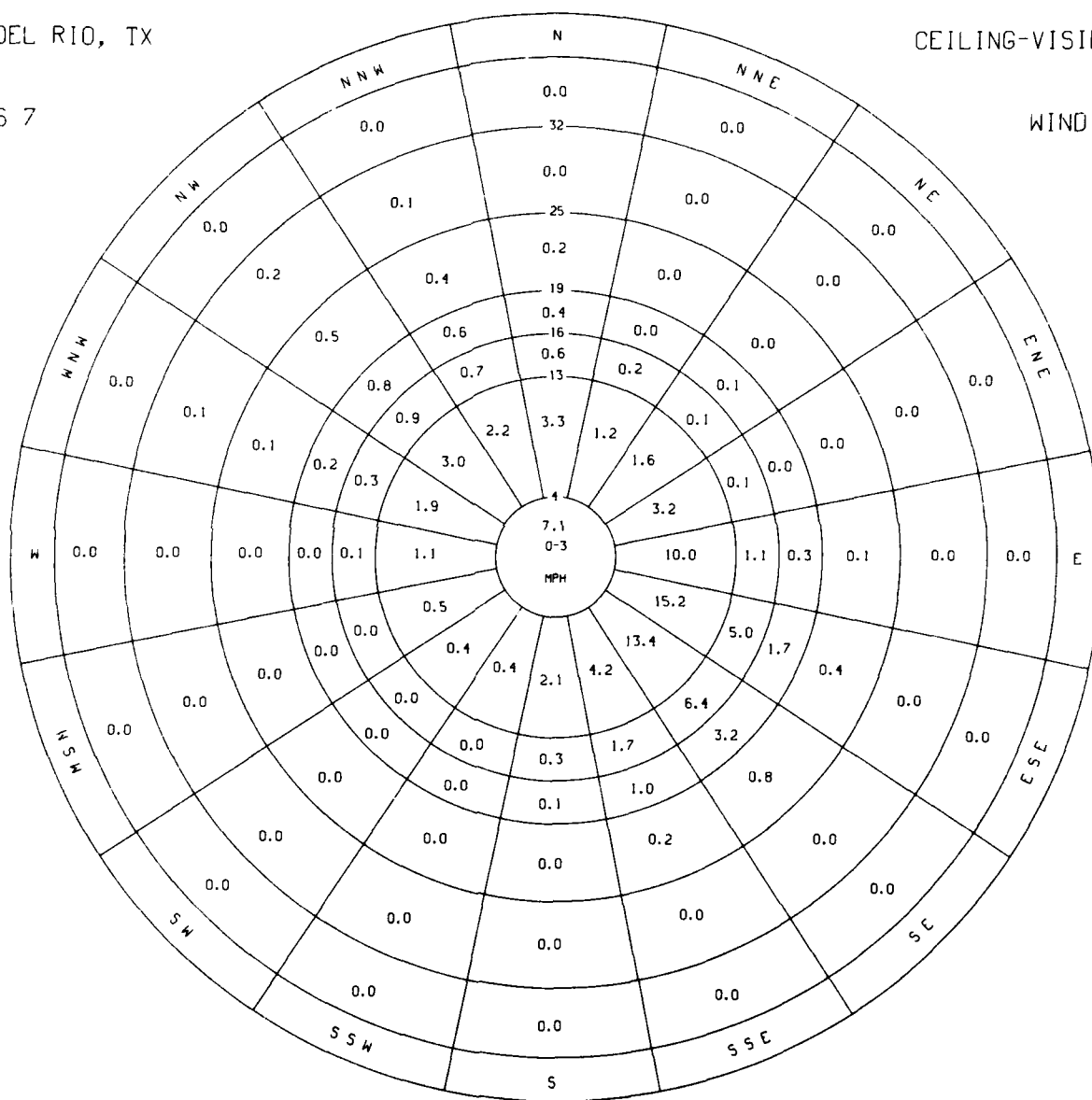
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	2.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.4
ENE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
E	.0	1.0	.0	8.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.3	7.8
ESE	.0	.0	.1	18.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	19.6	8.4
SE	.0	1.0	.1	14.4	.0	2.1	.0	1.0	.0	.0	.0	.0	.0	.0	.1	18.6	9.3
SSE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.5
S	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.0
WSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
W	.0	.0	.0	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	5.5
WNW	.0	.0	.0	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	7.9
NW	.0	1.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.4
NNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.0
CALM	.1	15.5													.1	15.5	
TOTAL	.1	20.6	.4	74.2	.0	4.1	.0	1.0	.0	.0	.0	.0	.0	.0	.5	100	6.4

DRT DEL RIO, TX

CLASS 7

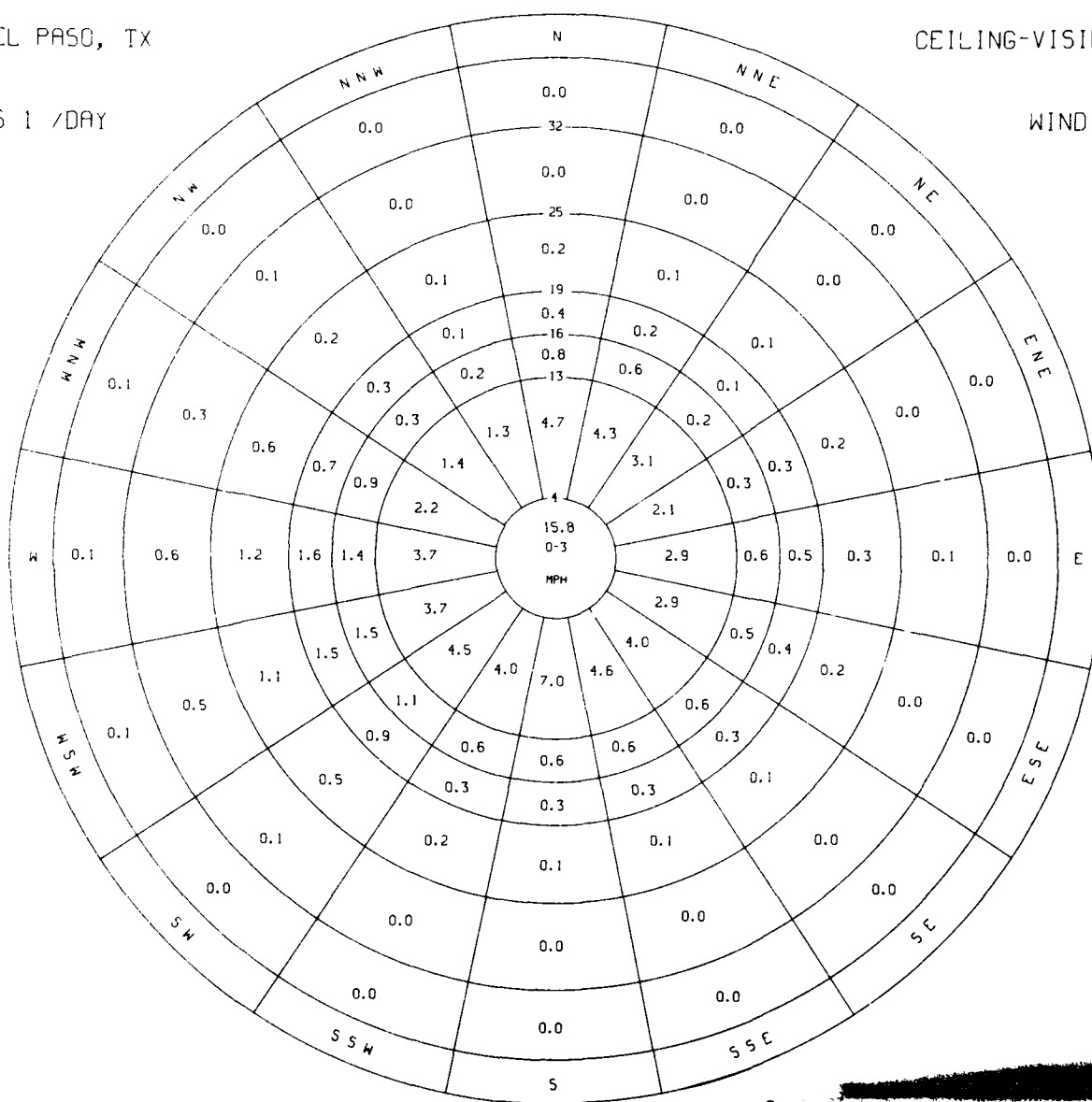
CEILING-VISIBILITY

WIND GRAPH



CLASS 1 /DAY

WIND GRAPH



626

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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:ELP EL PASO, TX

PERIOD: 1949-1978

CLASS 1 / DAY

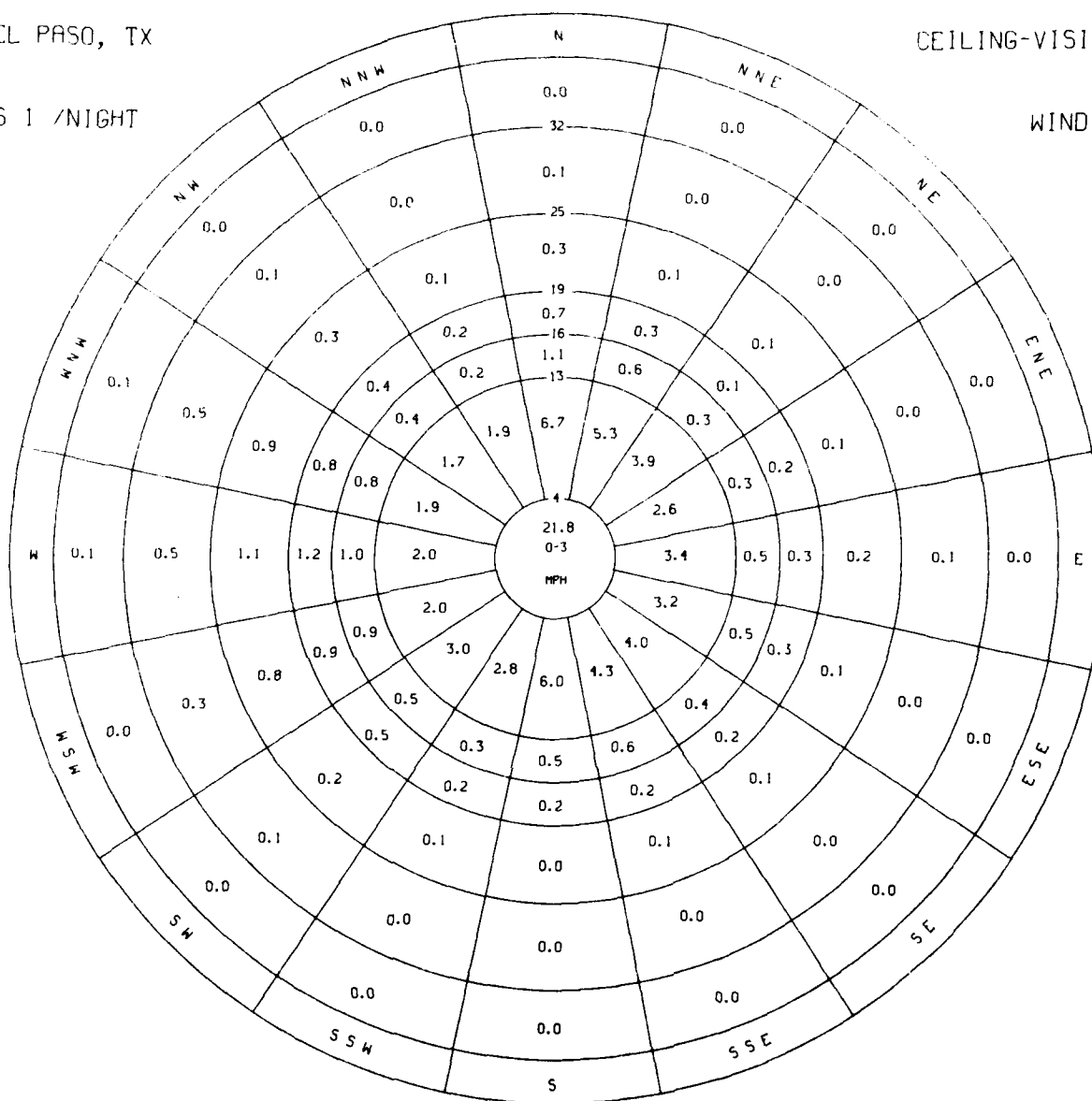
STATION NUMBER: 23044

NO. OBS.: 46016

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.1	1.1	4.7	4.7	.8	.8	.4	.4	.2	.2	.0	.0	.0	.0	7.2	7.2	8.9
NNE	.9	.9	4.3	4.3	.6	.6	.2	.2	.1	.1	.0	.0	.0	.0	6.1	6.2	8.3
NE	1.0	1.0	3.1	3.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	4.6	4.6	7.3
ENE	.7	.7	2.1	2.1	.3	.3	.3	.3	.2	.2	.0	.0	.0	.0	3.5	3.6	8.8
E	.9	.9	2.9	3.0	.6	.6	.5	.5	.3	.3	.1	.1	.0	.0	5.4	5.5	9.7
ESE	.7	.7	2.9	2.9	.5	.6	.4	.4	.2	.2	.0	.0	.0	.0	4.8	4.8	9.4
SE	.9	1.0	4.0	4.1	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	6.0	6.1	8.5
SSE	.7	.7	4.6	4.7	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	6.4	6.4	8.7
S	1.1	1.1	7.0	7.1	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	9.1	9.2	8.2
SSW	.7	.7	4.0	4.1	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	5.8	5.9	9.1
SW	.7	.7	4.5	4.6	1.1	1.1	.9	.9	.5	.5	.1	.1	.0	.0	7.8	7.9	10.9
WSW	.4	.4	3.7	3.7	1.5	1.5	1.5	1.5	1.1	1.2	.5	.5	.1	.1	8.7	8.9	13.8
W	.4	.4	3.7	3.8	1.4	1.5	1.6	1.6	1.2	1.2	.6	.6	.1	.1	9.2	9.3	14.1
WNW	.3	.3	2.2	2.2	.9	.9	.7	.7	.6	.6	.3	.3	.1	.1	5.0	5.1	13.4
NW	.5	.5	1.4	1.4	.3	.3	.3	.3	.2	.2	.1	.1	.0	.0	2.6	2.7	10.2
NNW	.5	.5	1.3	1.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.1	2.1	8.3
CALM	4.3	4.4													4.3	4.4	
TOTAL	15.8	16.0	56.3	57.0	10.7	10.9	8.3	8.4	5.3	5.4	1.9	1.9	.4	.4	98.8	100	9.7

CLASS 1 /NIGHT

WIND GRAPH:



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CLEVELAND, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

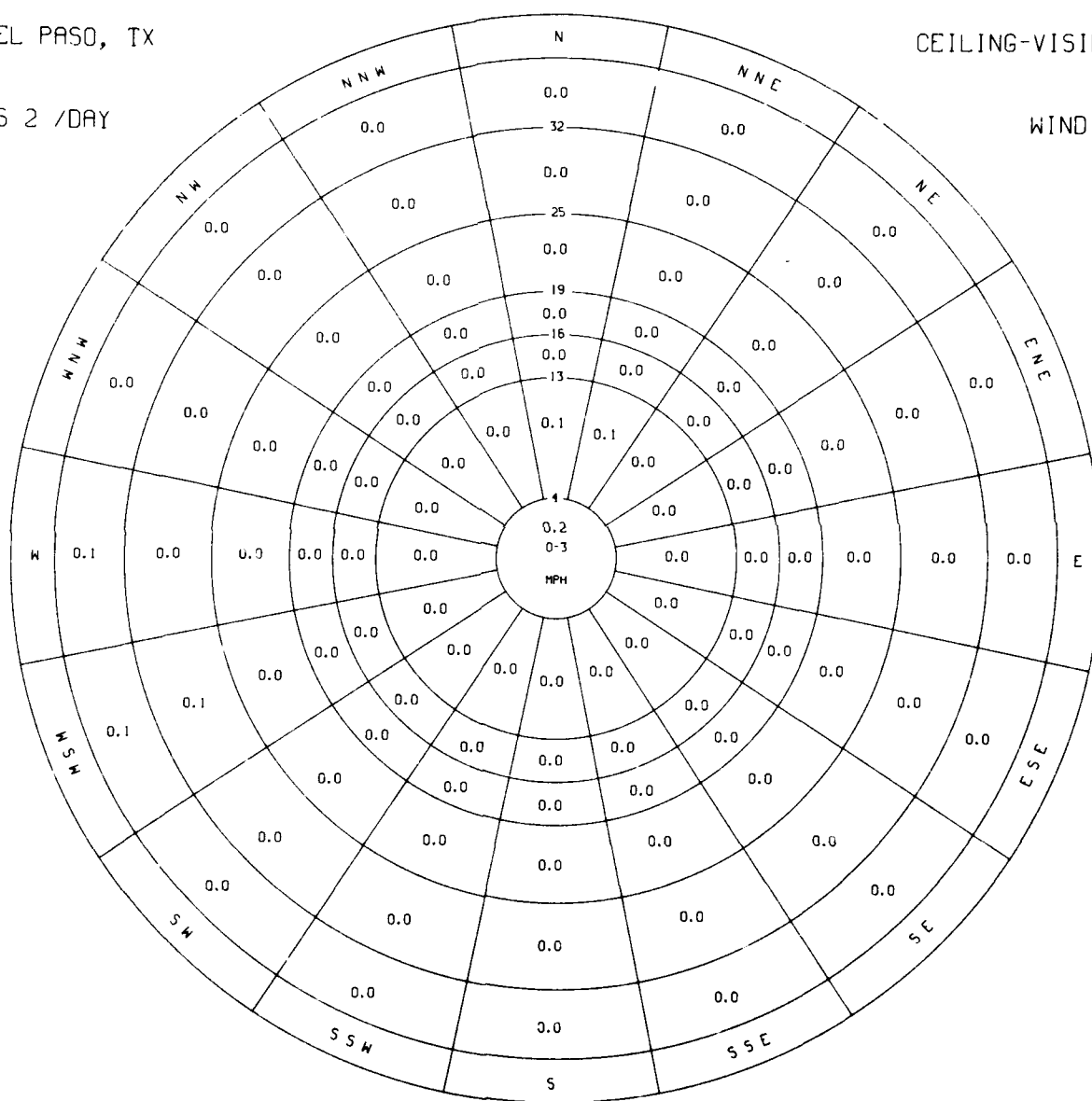
STATION NUMBER: 23044

NO. OBS.: 40694

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.7	1.8	6.7	6.8	1.1	1.1	.7	.7	.3	.3	.1	.1	.0	.0	10.6	10.7	8.7
NNE	1.4	1.4	5.3	5.4	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	7.7	7.8	7.7
NE	1.4	1.4	3.9	3.9	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	5.8	5.9	7.0
ENE	1.0	1.0	2.6	2.6	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	4.2	4.3	7.6
E	1.2	1.2	3.4	3.5	.5	.5	.3	.3	.2	.2	.1	.1	.0	.0	5.7	5.7	8.4
ESE	.8	.8	3.2	3.2	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	4.9	5.0	8.6
SE	1.2	1.2	4.0	4.0	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	5.9	5.9	7.6
SSE	.8	.8	4.3	4.3	.6	.6	.2	.2	.1	.1	.0	.0	.0	.0	6.0	6.0	8.4
S	1.2	1.2	6.0	6.0	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	7.9	8.0	7.8
SSW	.6	.6	2.8	2.9	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.9	4.0	8.2
SW	.7	.7	3.0	3.1	.5	.5	.5	.5	.2	.2	.1	.1	.0	.0	5.1	5.1	9.7
WSW	.4	.4	2.0	2.0	.9	.9	.9	.9	.8	.8	.3	.3	.0	.0	5.3	5.3	13.8
W	.4	.4	2.0	2.1	1.0	1.0	1.2	1.2	1.1	1.2	.5	.5	.1	.1	6.4	6.5	14.9
WNW	.3	.3	1.9	1.9	.8	.8	.8	.8	.9	.9	.5	.6	.1	.1	5.4	5.5	15.1
NW	.6	.6	1.7	1.7	.4	.4	.4	.4	.3	.3	.1	.1	.0	.0	3.5	3.6	10.9
NNW	.6	.6	1.9	1.9	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	3.1	3.2	8.4
CALM	7.5	7.6													7.5	7.6	
TOTAL	21.8	22.0	54.8	55.3	8.8	8.9	6.8	6.9	4.7	4.7	1.8	1.9	.4	.4	99.1	100	8.8

CLASS 2 /DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELP EL PASO, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 23044

NO. OBS.: 563

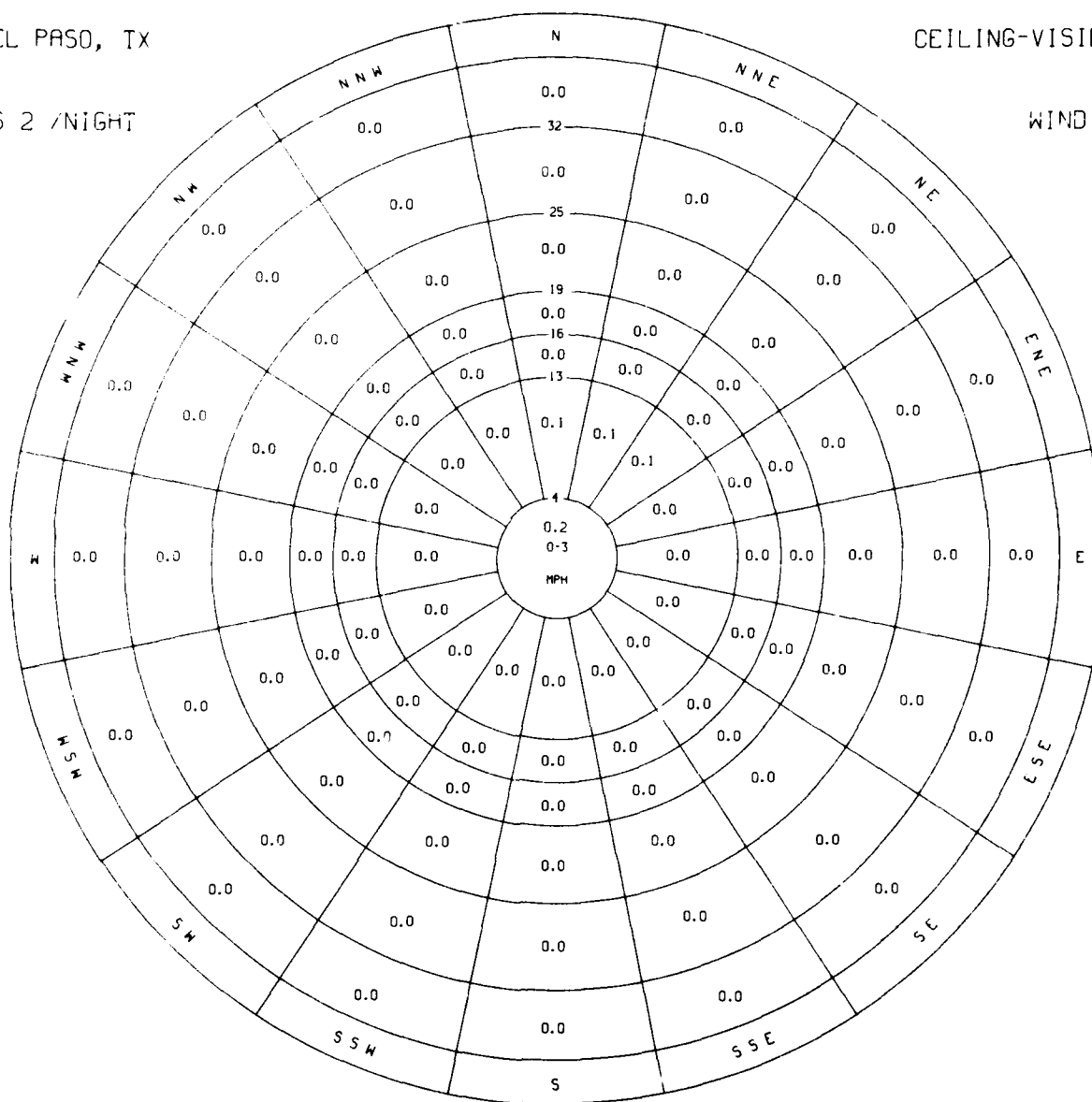
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.4	.1	6.0	.0	1.4	.0	.5	.0	.4	.0	.4	.0	.2	.1	10.3	10.7
NNE	.0	.9	.1	5.7	.0	.4	.0	.5	.0	.4	.0	.7	.0	.2	.1	8.7	10.5
NE	.0	.9	.0	3.6	.0	.7	.0	.5	.0	.0	.0	.5	.0	.4	.1	6.6	11.0
ENE	.0	.7	.0	1.6	.0	.7	.0	.0	.0	.4	.0	1.1	.0	.0	.1	4.4	14.0
E	.0	.7	.0	2.7	.0	.7	.0	1.4	.0	.2	.0	.4	.0	.2	.1	6.2	12.3
ESE	.0	.5	.0	.9	.0	.0	.0	.0	.0	.4	.0	.0	.0	.2	.0	2.0	11.6
SE	.0	.4	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.7
SSE	.0	.5	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	3.4	7.7
S	.0	.5	.0	3.6	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.1	4.6	8.5
SSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.5	.0	.4	.0	2.1	16.7
SW	.0	.5	.0	.7	.0	.0	.0	.0	.0	.4	.0	.7	.0	1.1	.0	3.4	23.2
WSW	.0	.2	.0	.7	.0	.4	.0	.2	.0	1.2	.1	4.4	.1	7.3	.2	14.4	30.7
W	.0	.0	.0	.4	.0	.0	.0	.9	.0	2.3	.0	3.6	.1	6.4	.2	13.5	31.0
WNW	.0	.4	.0	.2	.0	.4	.0	.0	.0	1.1	.0	1.4	.0	3.0	.1	6.4	28.7
NW	.0	.2	.0	.9	.0	.2	.0	.0	.0	.2	.0	.5	.0	.4	.0	2.3	18.7
NNW	.0	.5	.0	.9	.0	.9	.0	.2	.0	.2	.0	.0	.0	.5	.0	3.2	13.9
CALM	.1	6.4													.1	6.4	
TOTAL	.2	14.7	.4	33.2	.1	6.0	.1	4.4	.1	7.1	.2	14.4	.2	20.1	1.2	100	17.6

ELP EL PASO, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:ELP EL PASO, TX

PERIOD:1949-1978

CLASS 2 / NIGHT

STATION NUMBER:23044

NO. OBS.: 365

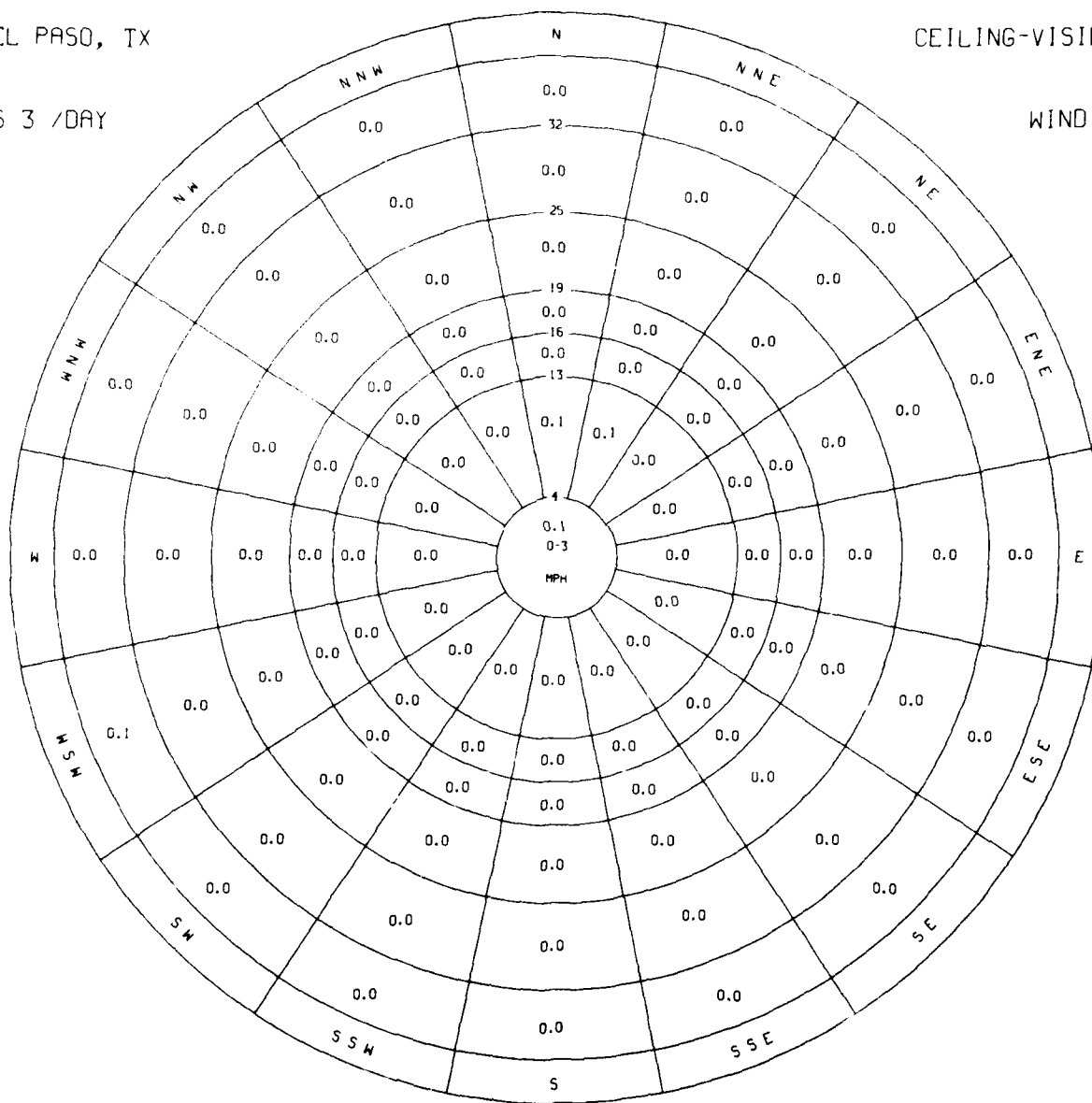
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.5	.1	14.0	.0	1.1	.0	1.6	.0	1.1	.0	.8	.0	.5	.2	21.6	10.7
NNE	.0	2.2	.1	9.6	.0	.8	.0	.5	.0	.5	.0	.5	.0	.3	.1	14.5	9.6
NE	.0	1.1	.1	6.8	.0	.8	.0	.5	.0	.3	.0	.3	.0	.3	.1	10.1	10.1
ENE	.0	.5	.0	4.1	.0	1.1	.0	.3	.0	.8	.0	.5	.0	.3	.1	7.7	13.0
E	.0	1.1	.0	2.5	.0	.8	.0	.0	.0	.5	.0	.0	.0	.0	.0	4.9	8.3
ESE	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0	2.2	10.1
SE	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.6	10.2
SSE	.0	.5	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.1
S	.0	1.4	.0	4.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	7.3
SSW	.0	.0	.0	1.6	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	2.2	11.4
SW	.0	.3	.0	1.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.7
WSW	.0	.0	.0	.5	.0	.0	.0	.5	.0	.8	.0	.8	.0	.3	.0	3.0	20.8
W	.0	.3	.0	.3	.0	.8	.0	.3	.0	.0	.0	1.4	.0	.8	.0	3.8	23.6
WNW	.0	.3	.0	.3	.0	.3	.0	.0	.0	.3	.0	.5	.0	1.6	.0	3.3	27.5
NW	.0	.0	.0	.5	.0	.3	.0	.3	.0	.3	.0	.5	.0	1.4	.0	3.3	25.3
NNW	.0	.5	.0	2.7	.0	.5	.0	.0	.0	.3	.0	.3	.0	.0	.0	4.4	9.9
CALM	.1	6.6													.1	6.6	
TOTAL	.2	18.6	.5	52.3	.1	7.4	.0	4.4	.0	5.5	.1	5.8	.1	6.0	.9	100	11.3

ELP EL PASO, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELP EL PASO, TX

PERIOD: 1949-1978

CLASS: 2 / DAY

STATION NUMBER: 23044

NO. OBS.: 423

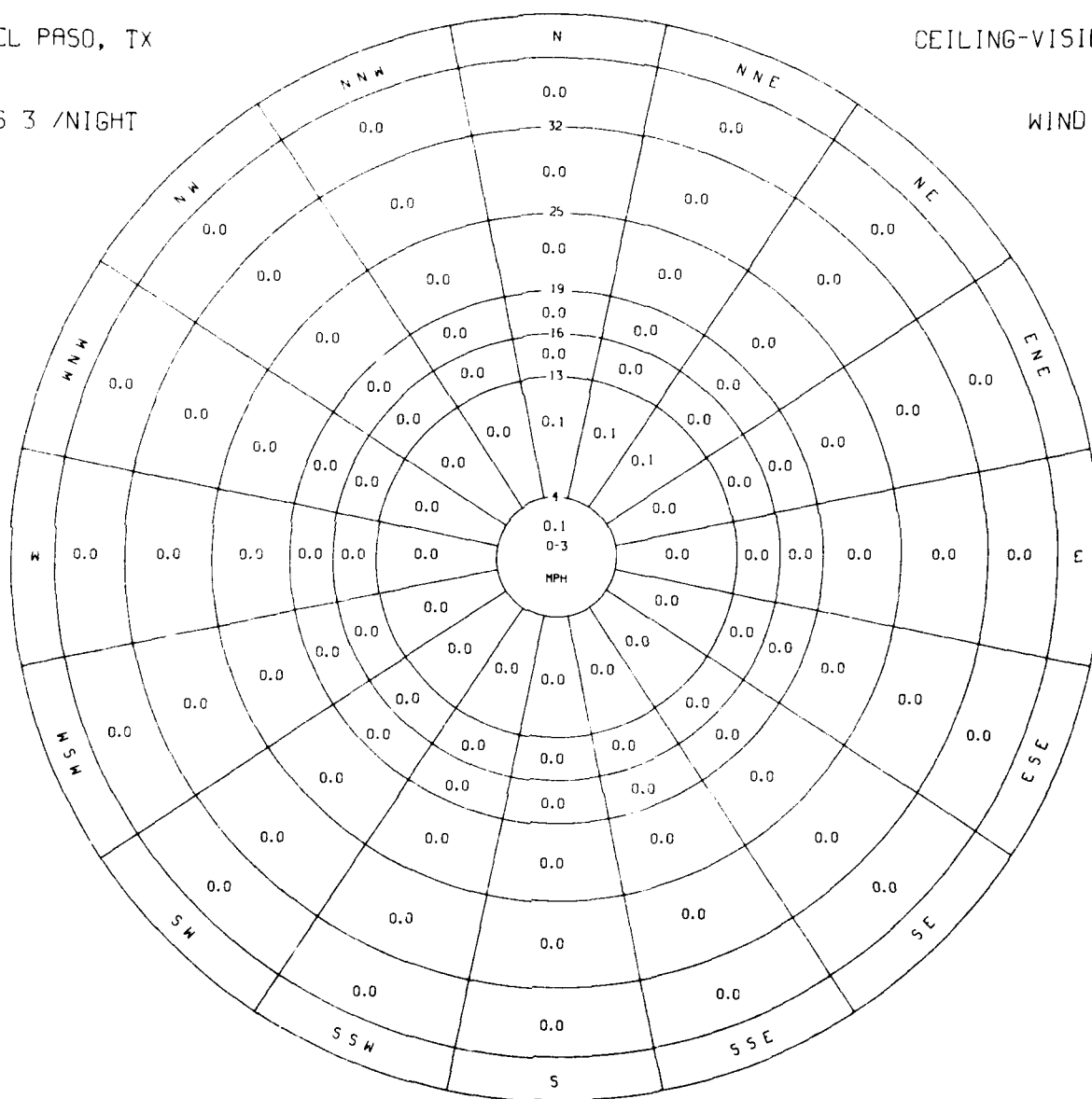
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.5	.1	7.1	.0	1.7	.0	.2	.0	.5	.0	.2	.0	.0	.1	10.2	11.0
NNE	.0	1.2	.1	6.4	.0	.2	.0	.7	.0	.5	.0	.5	.0	.2	.1	9.7	10.2
NE	.0	.5	.0	3.3	.0	.7	.0	.7	.0	.0	.0	.5	.0	.5	.1	6.1	12.1
ENE	.0	.5	.0	1.7	.0	.9	.0	.0	.0	.5	.0	.9	.0	.0	.0	4.5	14.5
E	.0	.5	.0	3.3	.0	.7	.0	1.9	.0	.2	.0	.5	.0	.0	.1	7.1	11.8
ESE	.0	.5	.0	1.2	.0	.0	.0	.0	.0	.5	.0	.0	.0	.2	.0	2.4	12.5
SE	.0	.5	.0	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.7
SSE	.0	.5	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	3.8	8.2
S	.0	.5	.0	2.6	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	3.8	9.9
SSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.5	.0	.2	.0	2.1	14.9
SW	.0	.7	.0	.9	.0	.0	.0	.0	.0	.5	.0	.7	.0	.0	.0	2.8	13.6
WSW	.0	.0	.0	.9	.0	.5	.0	.2	.0	1.2	.0	4.3	.1	6.6	.1	13.7	30.0
W	.0	.0	.0	.5	.0	.0	.0	1.2	.0	2.8	.0	3.8	.0	5.4	.1	13.7	28.8
WNW	.0	.5	.0	.2	.0	.2	.0	.0	.0	1.2	.0	1.7	.0	1.7	.0	5.4	25.3
NW	.0	.0	.0	1.2	.0	.2	.0	.0	.0	.2	.0	.7	.0	.2	.0	2.6	18.4
NNW	.0	.5	.0	.9	.0	.9	.0	.2	.0	.2	.0	.0	.0	.5	.0	3.3	13.5
CALM	.1	5.9													.1	5.9	
TOTAL	.1	12.5	.3	36.9	.1	6.6	.0	5.4	.1	8.5	.1	14.4	.1	15.6	.9	100	16.6

ELP EL PASO, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELP EL PASO, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 23044

NO. OBS.: 258

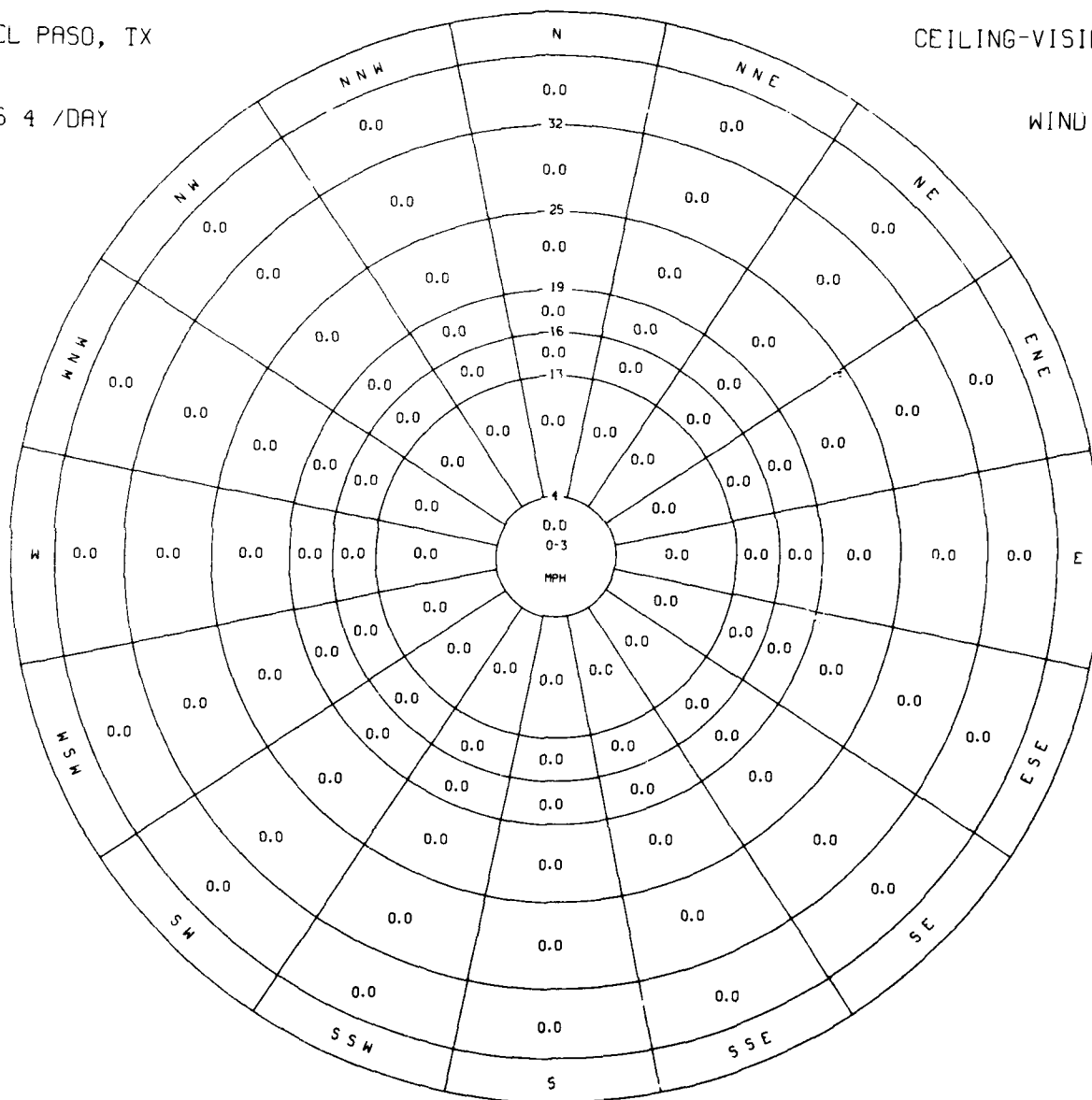
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.6	.1	14.7	.0	1.2	.0	1.6	.0	.8	.0	1.2	.0	.4	.1	21.3	10.8
NNE	.0	1.6	.1	9.7	.0	.8	.0	.8	.0	.8	.0	.8	.0	.0	.1	14.3	10.1
NE	.0	1.2	.1	8.9	.0	1.2	.0	.8	.0	.4	.0	.4	.0	.0	.1	12.8	9.6
ENE	.0	.4	.0	4.3	.0	.8	.0	.0	.0	.8	.0	.8	.0	.4	.0	7.4	13.6
E	.0	1.2	.0	2.7	.0	1.2	.0	.0	.0	.8	.0	.0	.0	.0	.0	5.8	9.1
ESE	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.4	.0	.0	.0	.4	.0	2.3	11.7
SE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	1.2	13.7
SSE	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0
S	.0	.8	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.3
SSW	.0	.0	.0	1.6	.0	.0	.0	.4	.0	.4	.0	.0	.0	.0	.0	2.3	12.0
SW	.0	.4	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.7
WSW	.0	.0	.0	.8	.0	.0	.0	.8	.0	1.2	.0	.8	.0	.4	.0	3.9	20.3
W	.0	.4	.0	.4	.0	1.2	.0	.4	.0	.0	.0	1.6	.0	1.2	.0	5.0	23.4
WNW	.0	.4	.0	.0	.0	.4	.0	.0	.0	.4	.0	.8	.0	1.6	.0	3.5	27.2
NW	.0	.0	.0	.8	.0	.4	.0	.4	.0	.4	.0	.8	.0	1.6	.0	4.3	24.0
NNW	.0	.4	.0	1.6	.0	.8	.0	.0	.0	.4	.0	.4	.0	.0	.0	3.5	13.1
CALM	.0	3.5													.0	3.5	
TOTAL	.1	13.2	.3	53.5	.1	8.1	.0	5.0	.0	6.6	.0	7.4	.0	6.2	.6	100	12.2

ELP EL PASO, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELP EL PASO, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 23044

NO. OBS.: 87

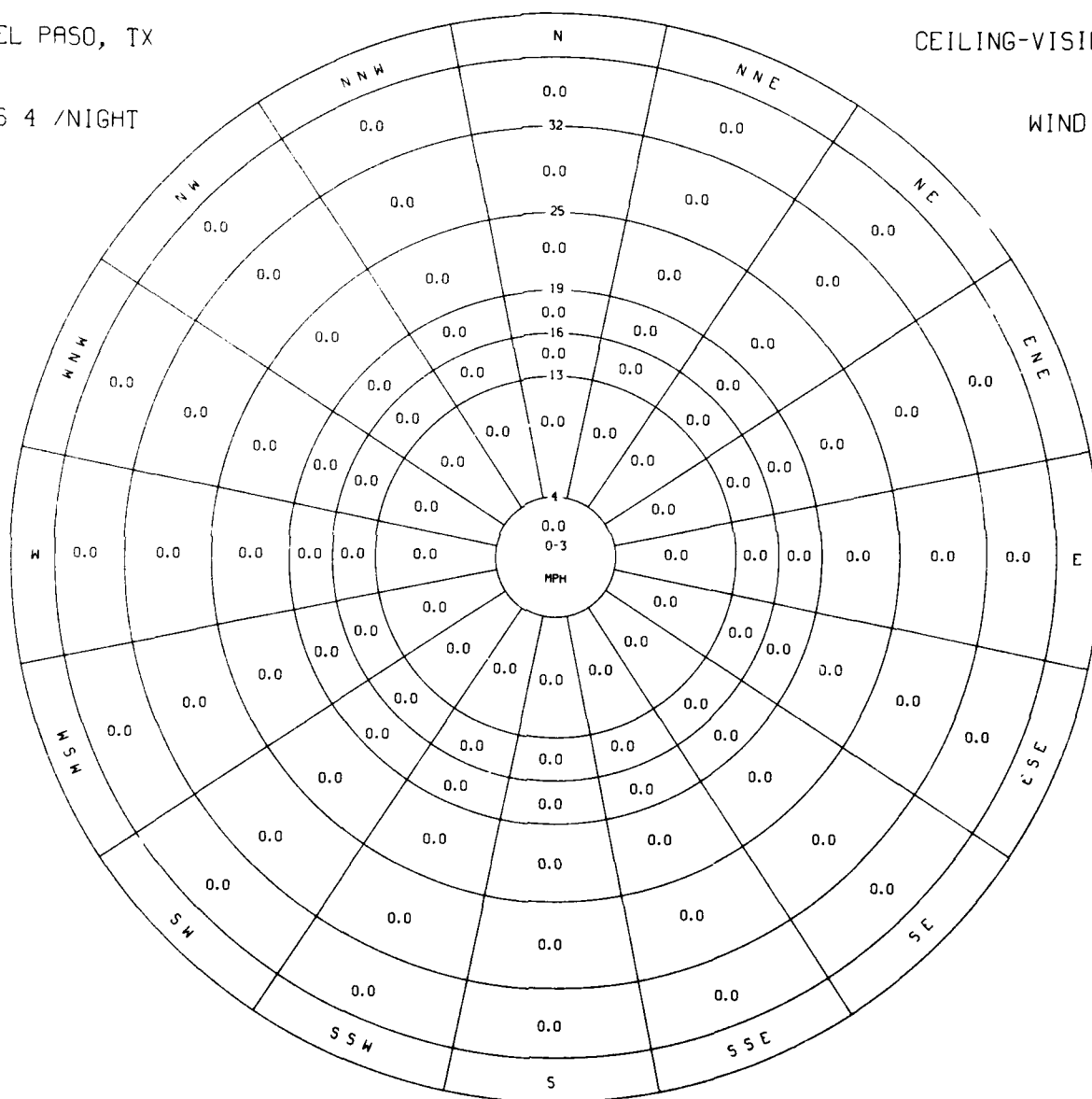
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	1.1	.0	1.1	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	1.1	.0	5.7	15.4
NNE	.0	.0	.0	4.6	.0	1.1	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	8.0	13.4
NE	.0	1.1	.0	5.7	.0	1.1	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	9.2	10.4
ENE	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
E	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	3.4	23.3
ESE	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.0
SSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	1.1	.0	1.1	.0	.0	3.4	22.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	.0	6.9	41.2	
WSW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	2.3	.0	6.9	.0	12.6	.0	23.0	31.7	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	3.4	.0	8.0	.0	12.6	34.0	
WNW	.0	.0	.0	.0	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	9.2	.0	11.5	34.8	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	1.1	38.0	
NNW	.0	1.1	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	1.1	.0	4.6	15.2	
CALM	.0	4.6														.0	4.6	
TOTAL	.0	11.5	.0	18.4	.0	6.9	.0	1.1	.0	4.6	.0	14.9	.1	42.5	.2	100	24.4	

ELP EL PASO, TX

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EL PASO, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 23044

NO. OBS.: 56

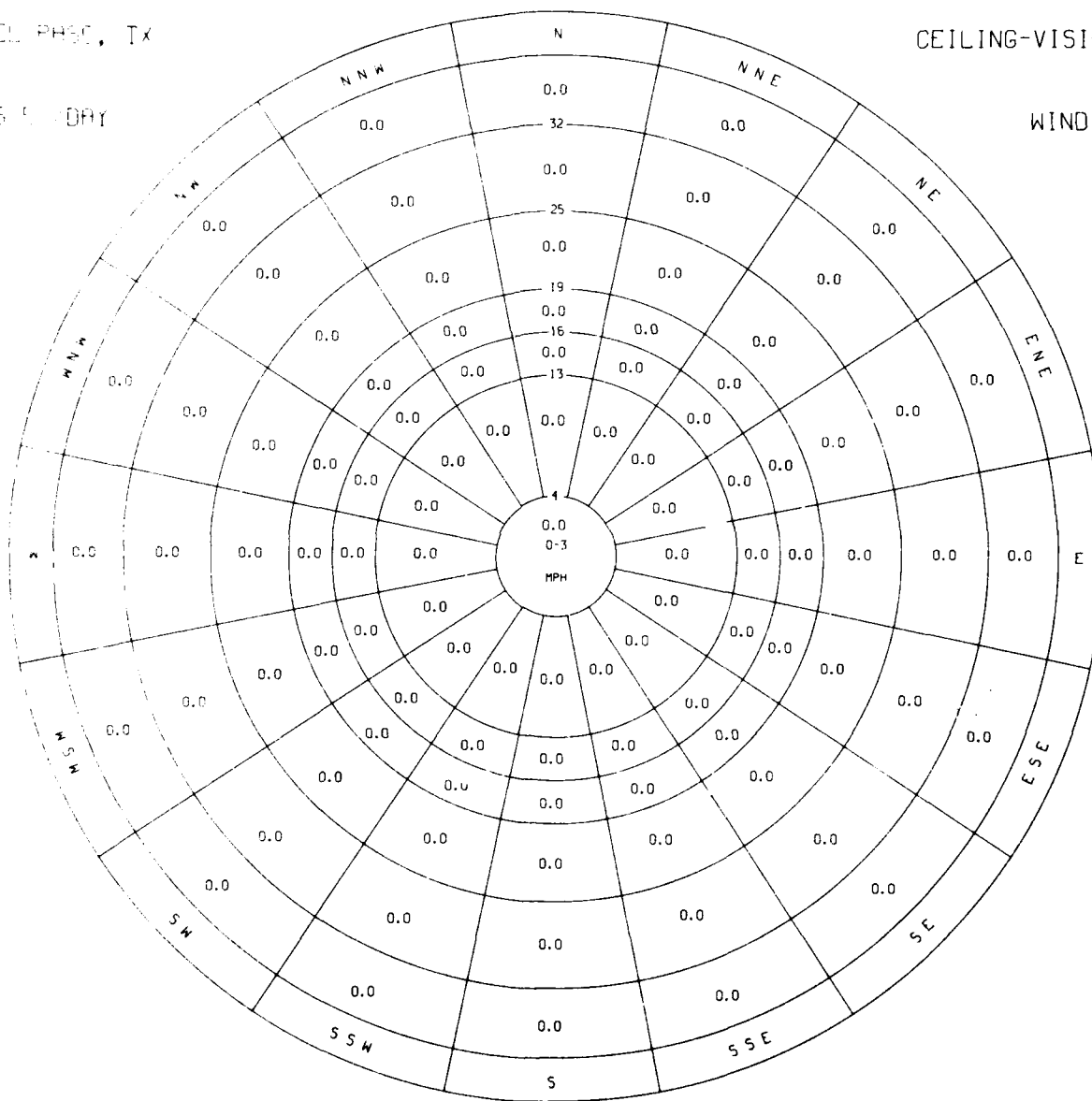
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	3.6	.0	16.1	.0	.0	.0	3.6	.0	3.6	.0	.0	.0	.0	.0	3.6	11.2
NNE	.0	.0	.0	10.7	.0	1.8	.0	.0	.0	.0	.0	.0	.0	1.8	.0	3.6	11.6
NE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	3.6	23.5
ENE	.0	.0	.0	3.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	11.2
E	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.0
ESE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	9.0
SE	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	9.0
SSE	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.5
S	.0	1.8	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	6.7
SSW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.0
SW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	1.8	26.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	1.8	26.0
WNW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	.0	5.4	28.3
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	1.8	40.0
NNW	.0	1.8	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.3
CALM	.0	8.9													.0	8.9	
TOTAL	.0	19.6	.1	55.4	.0	5.4	.0	3.6	.0	3.6	.0	3.6	.0	8.9	.1	100	11.1

ELP EL PASO, TX

CLASS 5 DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:ELP EL PASO, TX

PERIOD:1949-1978

CLASS 5 / DAY

STATION NUMBER:23044

NO. OBS.: 23

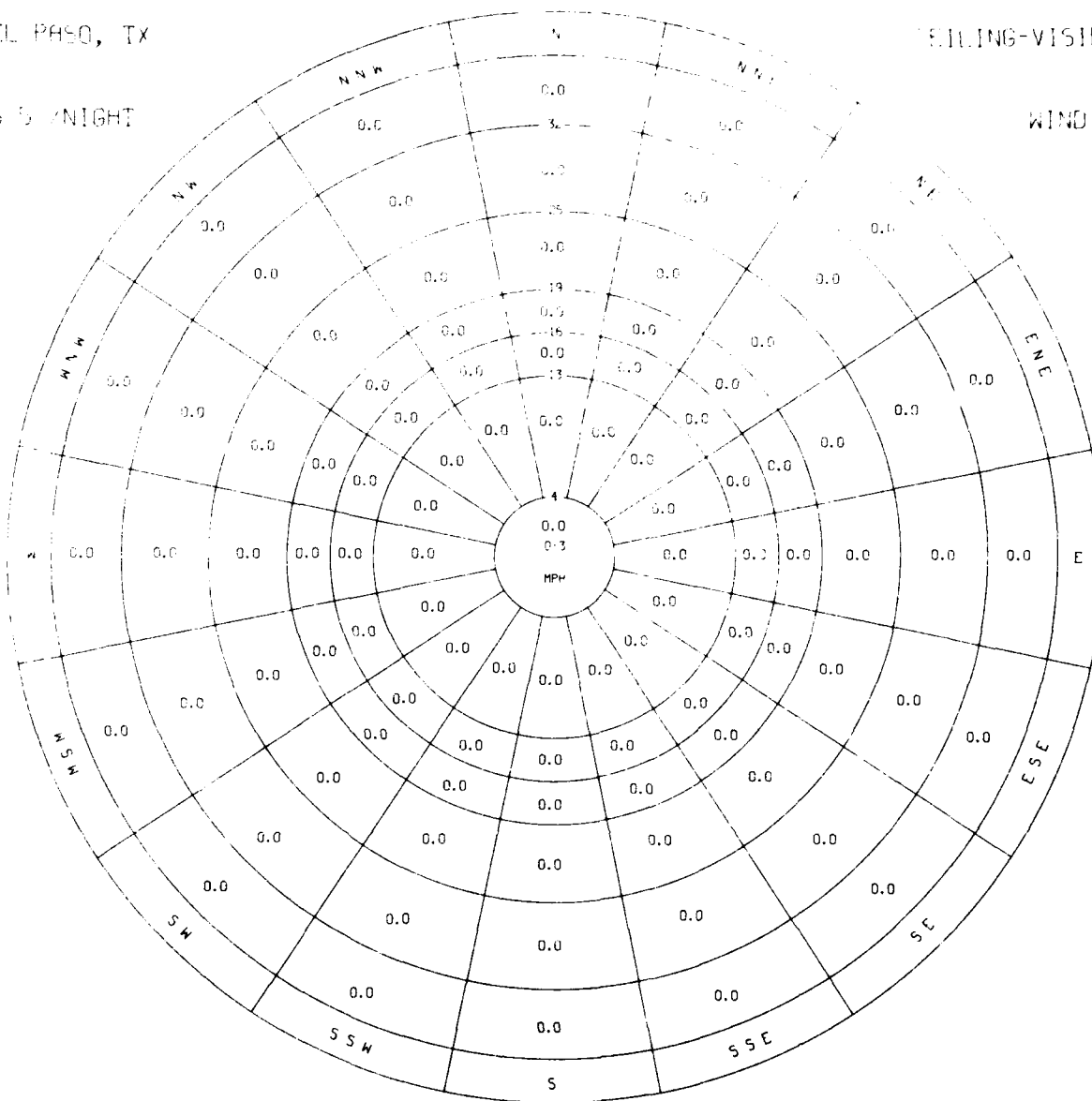
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	4.3	.0	.0	.0	4.3	.0	.0	.0	4.3	.0	.0	.0	13.0	16.0
NNE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0
NE	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	3.0
ENE	.0	.0	.0	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	5.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
S	.0	.0	.0	13.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0	6.3
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	.0	.0	.0	4.3	30.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	.0	8.7	40.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	.0	17.4	.0	21.7	39.2
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	.0	.0	.0	4.3	29.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	13.0													.0	13.0	
TOTAL	.0	17.4	.0	34.8	.0	.0	.0	4.3	.0	.0	.0	17.4	.0	26.1	.0	100	18.5

ELP EL PASO, TX

CLASS 5 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELP EL PASO, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 23044

NO. OBS.: 19

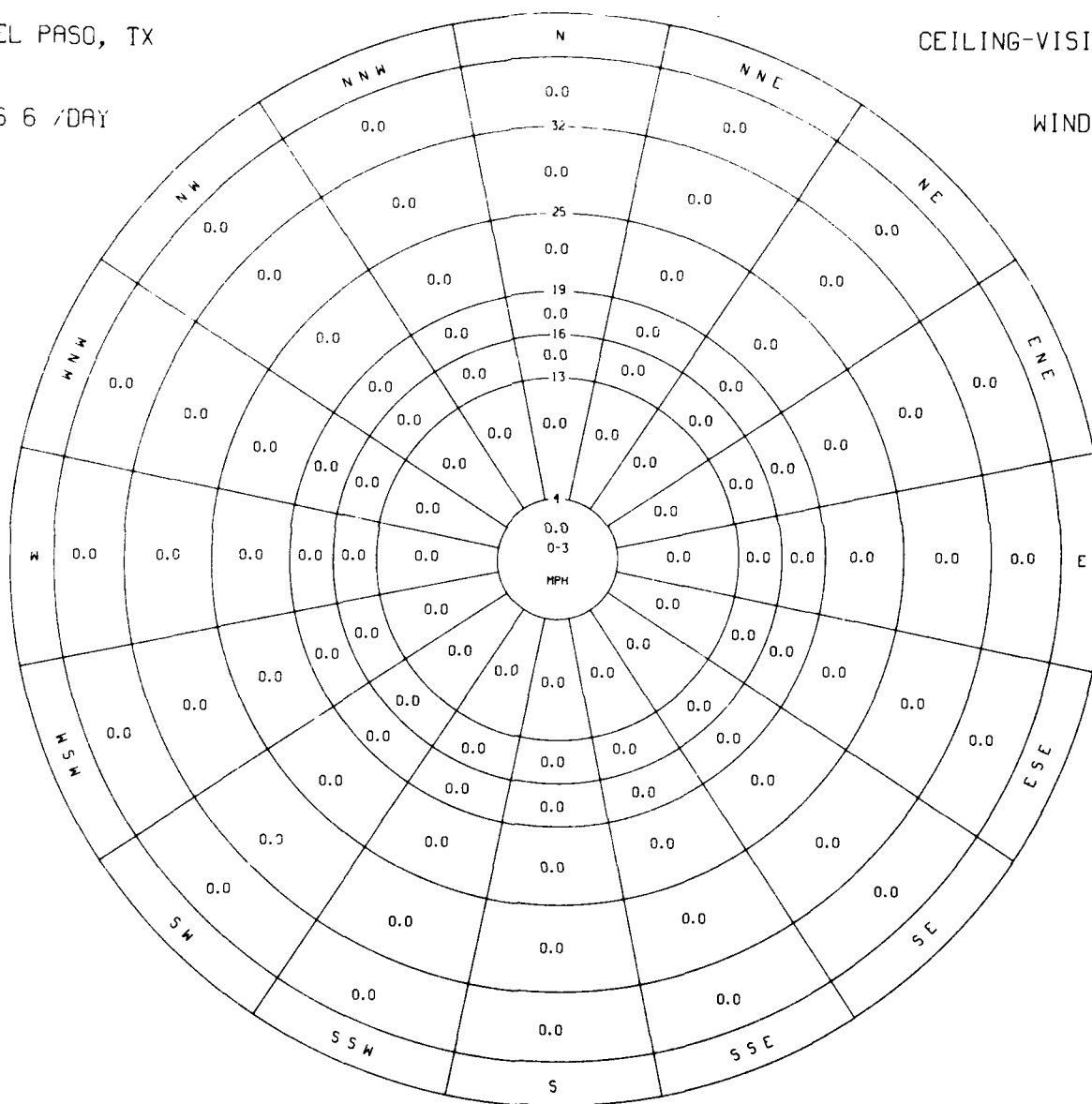
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	10.5	.0	10.5	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.3	7.0
NNE	.0	5.3	.0	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.8	4.7
NE	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	3.0
ENE	.0	5.3	.0	5.3	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	15.8	10.0
E	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.0
ESE	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	2.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	12.0
S	.0	5.3	.0	10.5	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.1	7.8
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0													.0	.0	
TOTAL	.0	36.8	.0	47.4	.0	10.5	.0	5.3	.0	.0	.0	.0	.0	.0	.0	100	7.0

ELP EL PASO, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:ELP EL PASO, TX

PERIOD:1949-1978

CLASS 6 / DAY

STATION NUMBER:23044

NO. OBS.: 30

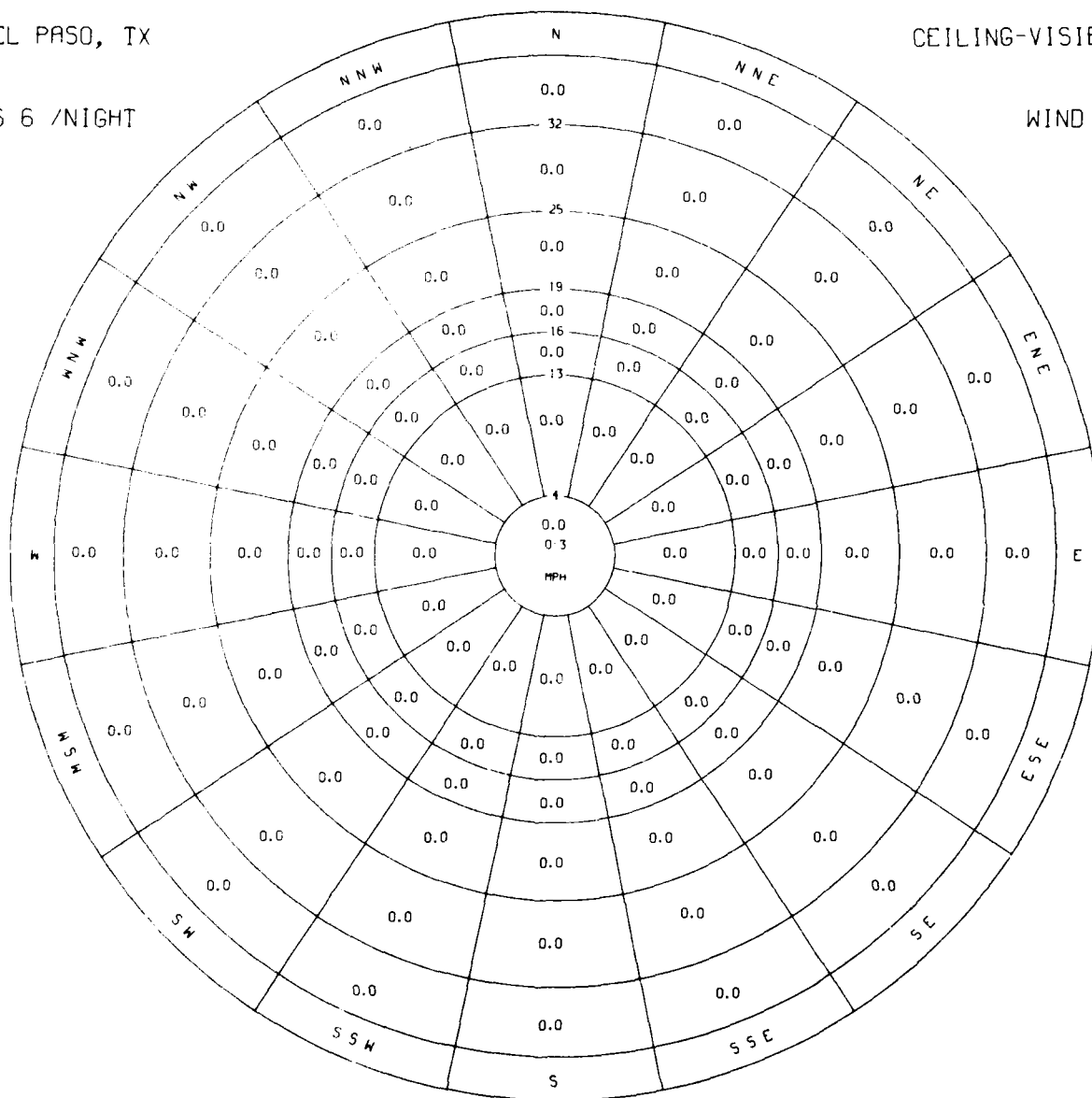
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	16.7	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23.3	3.6
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	4.0
ENE	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	.0	.0	.0	10.0	20.7
E	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	3.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	4.5
S	.0	3.3	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	5.7
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	.0	.0	.0	3.3	31.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	.0	6.7	60.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	.0	6.7	36.5
NW	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	13.3														.0	13.3
TOTAL	.0	53.3	.0	23.3	.0	.0	.0	.0	.0	.0	.0	10.0	.0	13.3	.1	100	12.0

ELP EL PASO, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:ELP EL PASO, TX

PERIOD:1949-1978

CLASS 6 / NIGHT

STATION NUMBER:23044

NO. OBS.: 32

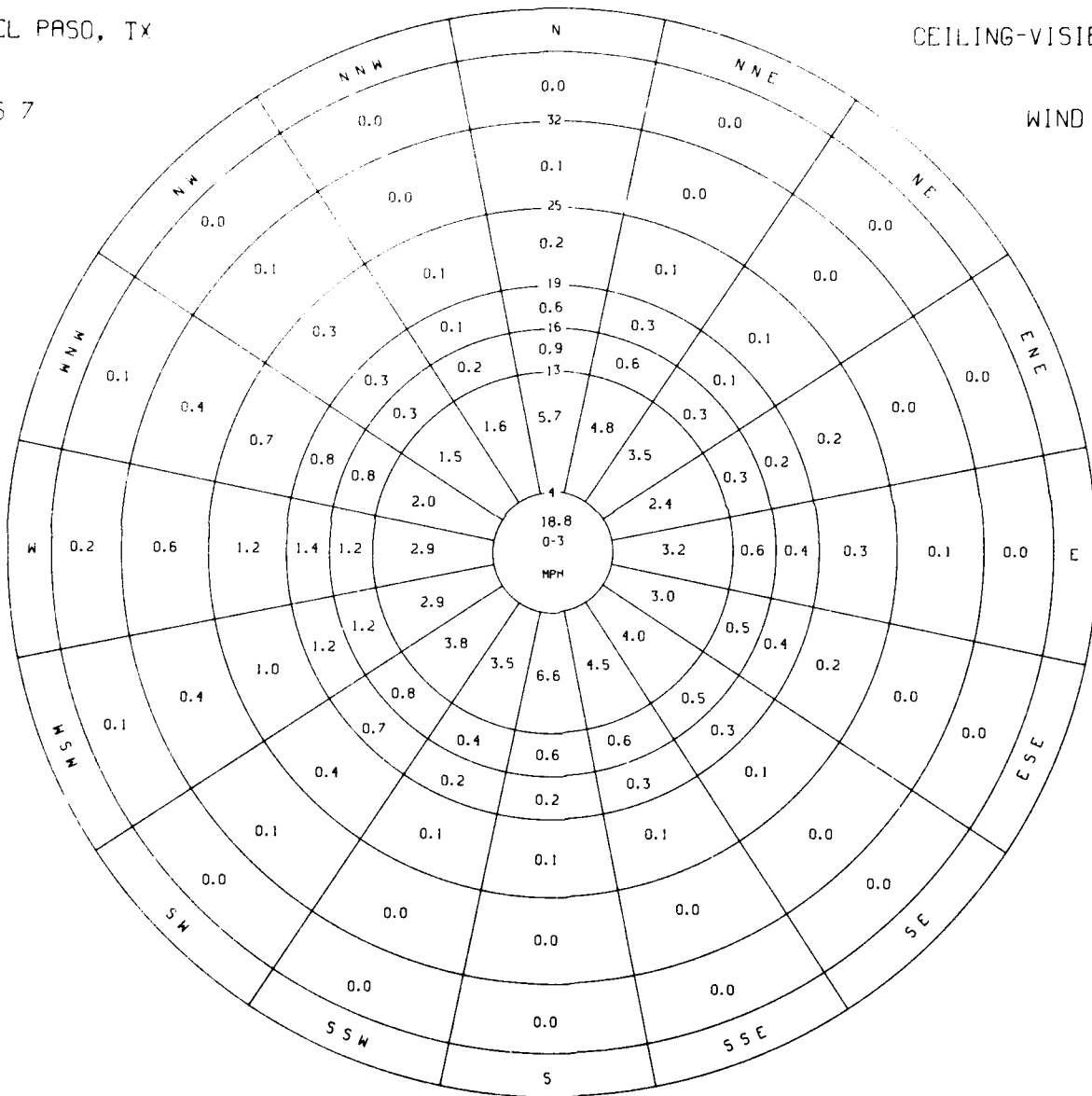
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	3.1	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	.0	12.5	15.5
NNE	.0	9.4	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6	5.6
NE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.0
ENE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	6.3	16.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	2.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	3.1	.0	3.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	6.7
SSW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	12.0
SW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	12.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	6.0
CALM	.0	31.3													.0	31.3	
TOTAL	.0	50.0	.0	40.6	.0	3.1	.0	.0	.0	3.1	.0	.0	.0	3.1	.1	100	6.0

ELP EL PASO, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

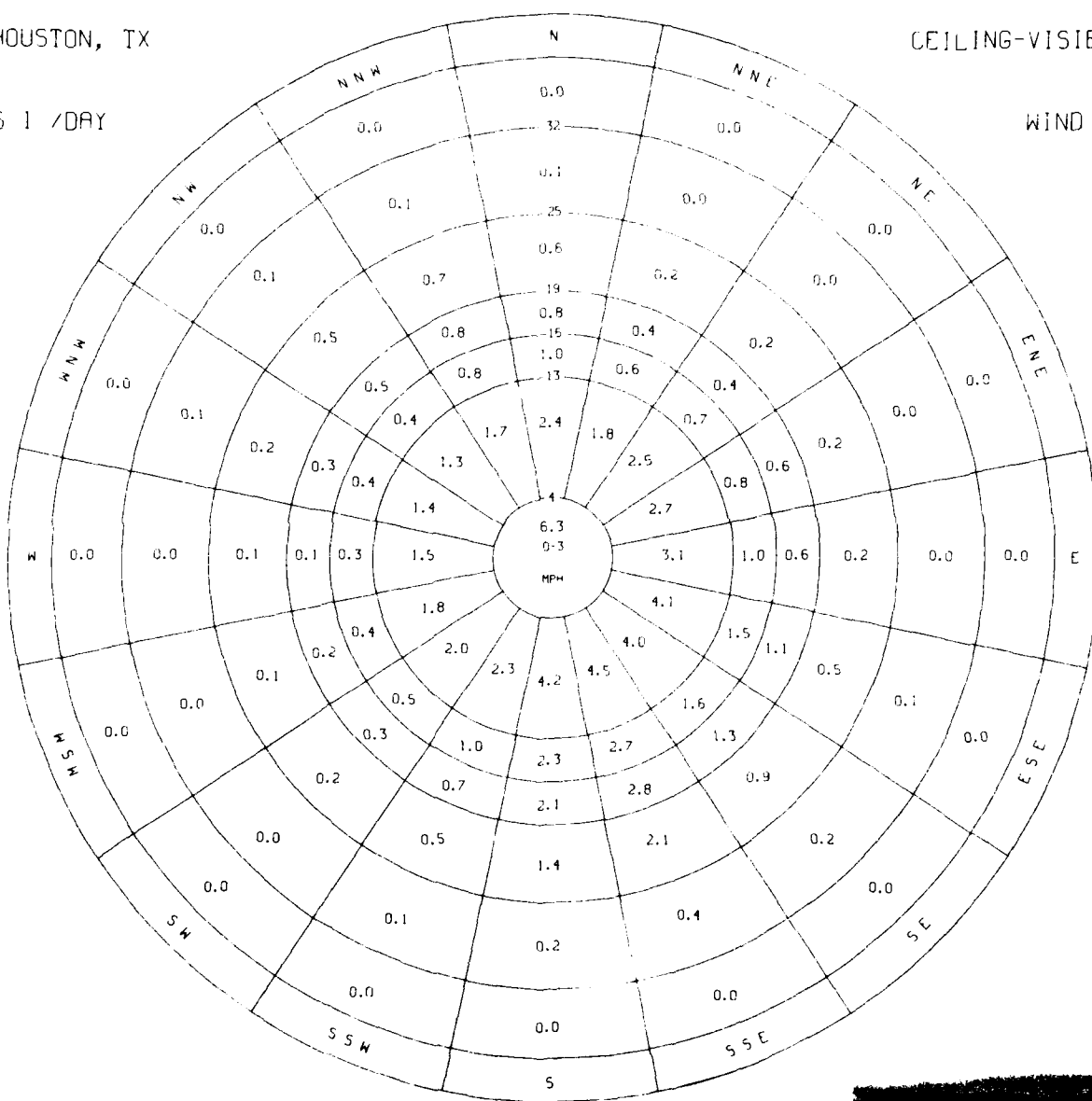


HOU HOUSTON, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1975

CLASS 1 / DAY

STATION NUMBER: 12919

NO. OBS.: 34293

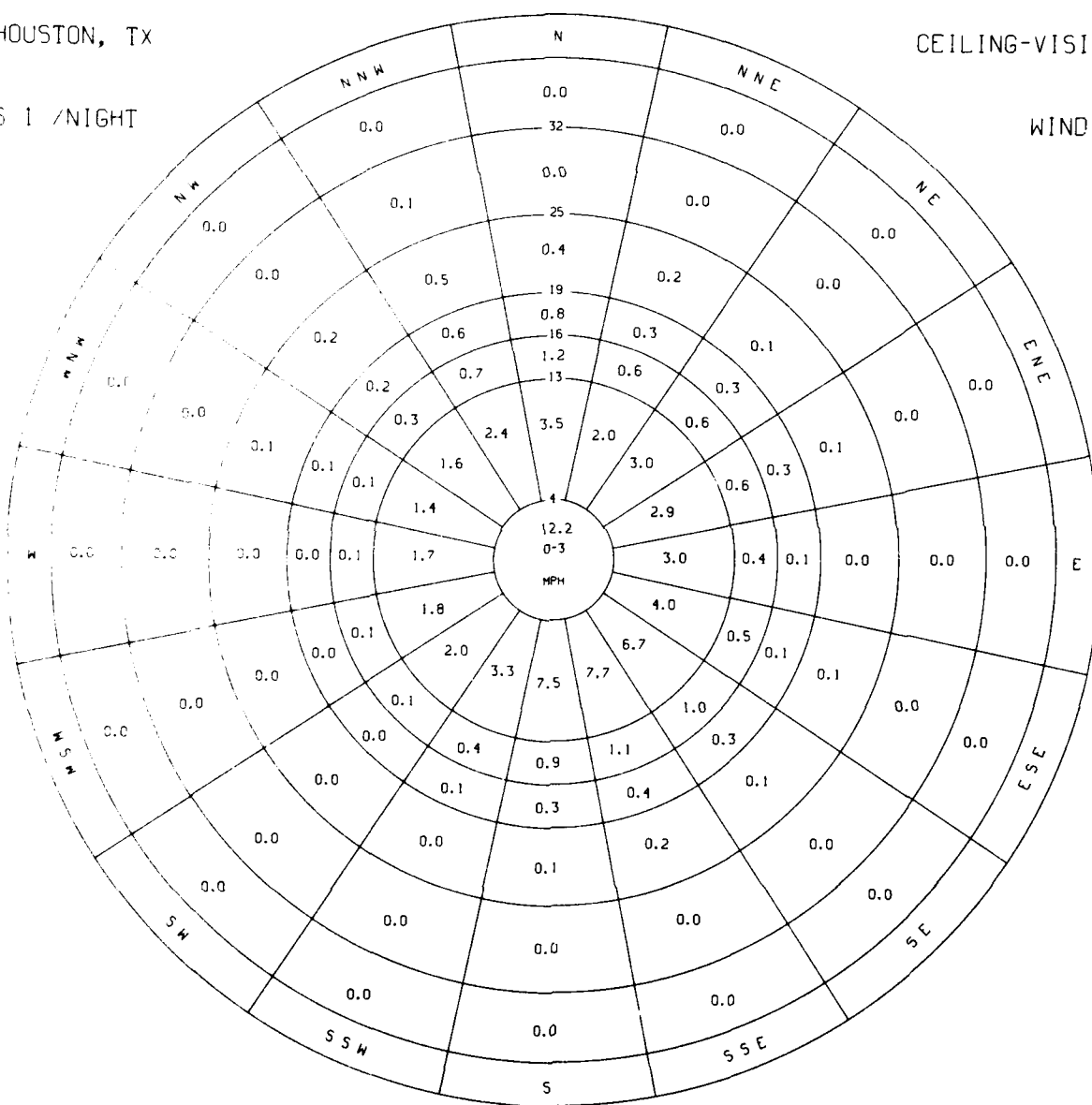
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.3	.3	2.4	2.8	1.0	1.2	.8	.9	.6	.6	.1	.1	.0	.0	5.1	5.9	12.3
NNE	.3	.3	1.8	2.1	.6	.7	.4	.5	.2	.2	.0	.0	.0	.0	3.3	3.8	11.2
NE	.3	.3	2.5	2.8	.7	.8	.4	.5	.2	.2	.0	.0	.0	.0	4.0	4.6	10.7
ENE	.3	.4	2.7	3.1	.8	.9	.6	.6	.2	.2	.0	.0	.0	.0	4.6	5.3	10.8
E	.4	.5	3.1	3.6	1.0	1.1	.6	.6	.2	.3	.0	.0	.0	.0	5.3	6.2	10.8
ESE	.4	.5	4.1	4.7	1.5	1.7	1.1	1.3	.5	.6	.1	.1	.0	.0	7.6	8.8	11.6
SE	.3	.4	4.0	4.6	1.6	1.8	1.3	1.5	.9	1.1	.2	.2	.0	.0	8.4	9.7	12.7
SSE	.3	.4	4.5	5.2	2.7	3.1	2.8	3.2	2.1	2.5	.4	.4	.0	.1	12.8	14.8	14.4
S	.4	.4	4.2	4.9	2.3	2.6	2.1	2.4	1.4	1.6	.2	.3	.0	.0	10.6	12.2	13.4
SSW	.2	.2	2.3	2.7	1.0	1.2	.7	.8	.5	.6	.1	.1	.0	.0	4.9	5.6	12.5
SW	.2	.3	2.0	2.3	.5	.6	.3	.4	.2	.2	.0	.0	.0	.0	3.3	3.8	10.7
WSW	.2	.2	1.8	2.0	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.7	3.1	9.9
W	.3	.3	1.5	1.7	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	2.3	2.7	9.6
WNW	.2	.3	1.4	1.6	.4	.4	.3	.3	.2	.3	.1	.1	.0	.0	2.6	3.0	11.3
NW	.2	.2	1.3	1.5	.4	.4	.5	.6	.5	.6	.1	.2	.0	.0	3.0	3.4	13.2
NNW	.2	.2	1.7	1.9	.8	.9	.8	.9	.7	.8	.1	.2	.0	.0	4.2	4.9	13.4
CALM	1.7	2.0													1.7	2.0	
TOTAL	6.3	7.2	41.1	47.5	15.9	18.4	12.9	14.9	8.6	10.0	1.6	1.8	.1	.2	86.5	100	12.0

HOU HOUSTON, TX

CLASS 1 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1971

CLASS 1 / NIGHT

STATION NUMBER: 12918

NO. OBS.: 26781

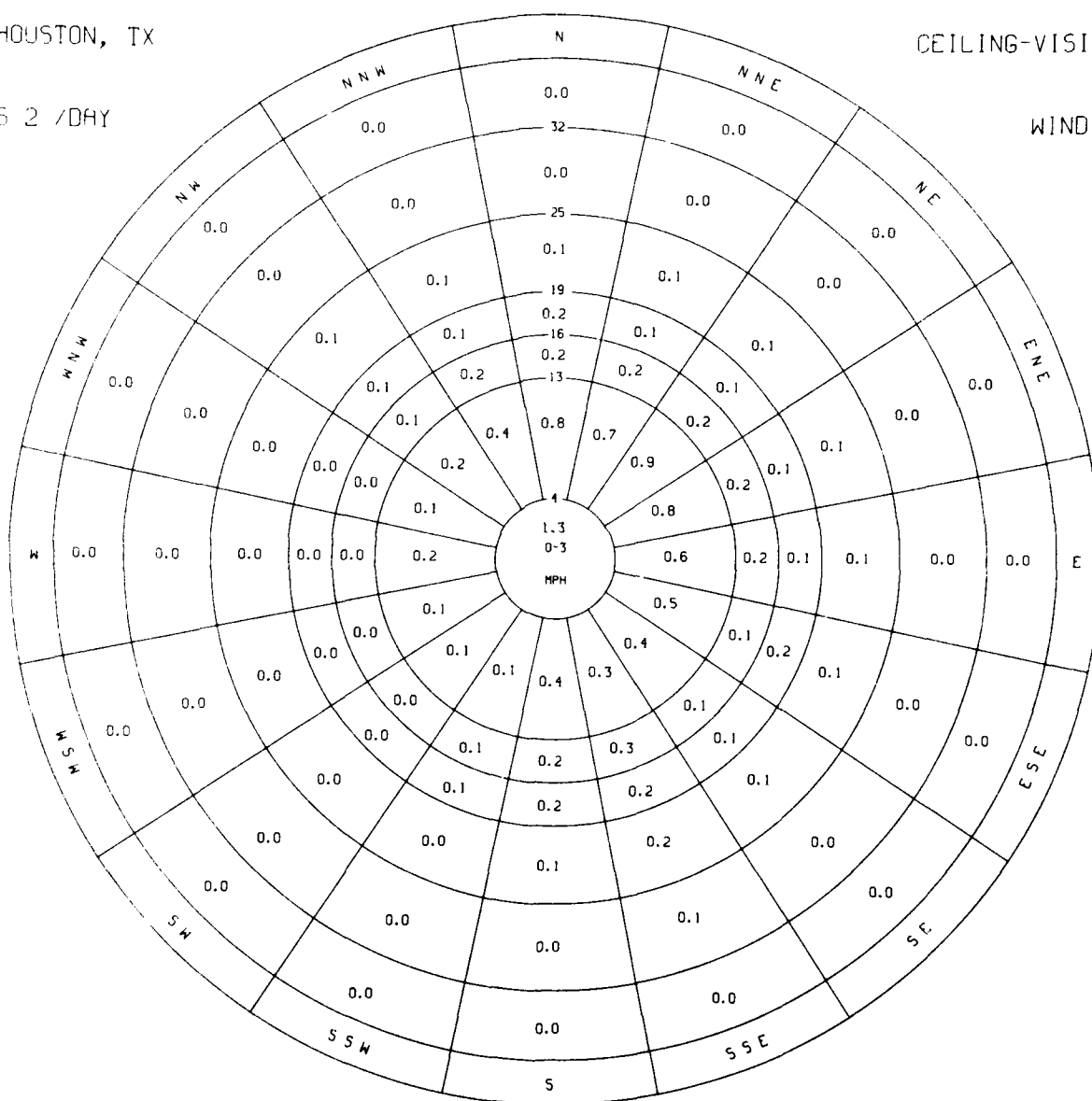
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.4	.5	3.5	4.3	1.2	1.4	.8	.9	.4	.5	.0	.1	.0	.0	6.3	7.7	11.0
NNE	.3	.3	2.0	2.5	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	3.4	4.2	10.5
NE	.5	.6	3.0	3.7	.6	.7	.3	.4	.1	.2	.0	.0	.0	.0	4.6	5.6	9.4
ENE	.5	.6	2.9	3.6	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	4.4	5.4	9.2
E	.6	.8	3.0	3.6	.4	.5	.1	.2	.0	.1	.0	.0	.0	.0	4.2	5.1	8.1
ESE	.8	1.0	4.0	4.9	.5	.6	.1	.2	.1	.1	.0	.0	.0	.0	5.5	6.7	7.8
SE	.9	1.1	6.7	8.1	1.0	1.2	.3	.4	.1	.2	.0	.0	.0	.0	9.0	11.0	8.8
SSE	.9	1.1	7.7	9.4	1.1	1.4	.4	.5	.2	.2	.0	.0	.0	.0	10.2	12.5	8.8
S	1.0	1.2	7.5	9.2	.9	1.0	.3	.3	.1	.1	.0	.0	.0	.0	9.7	11.8	8.2
SSW	.4	.5	3.3	4.1	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	4.3	5.3	8.3
SW	.4	.4	2.0	2.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.1	7.2
WSW	.3	.4	1.8	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.8	7.2
W	.5	.6	1.7	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.7	6.9
WNW	.3	.4	1.4	1.7	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.1	2.5	8.5
NW	.3	.4	1.6	1.9	.3	.4	.2	.3	.2	.2	.0	.1	.0	.0	2.6	3.2	10.0
NNW	.3	.4	2.4	2.9	.7	.9	.6	.7	.5	.6	.1	.2	.0	.0	4.7	5.7	11.9
CALM	3.8	4.6													3.8	4.6	
TOTAL	12.2	14.9	54.6	66.6	8.6	10.5	4.1	5.0	2.1	2.6	.4	.4	.0	.1	81.9	100	8.6

HOU HOUSTON, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 12918

NO. OBS.: 5456

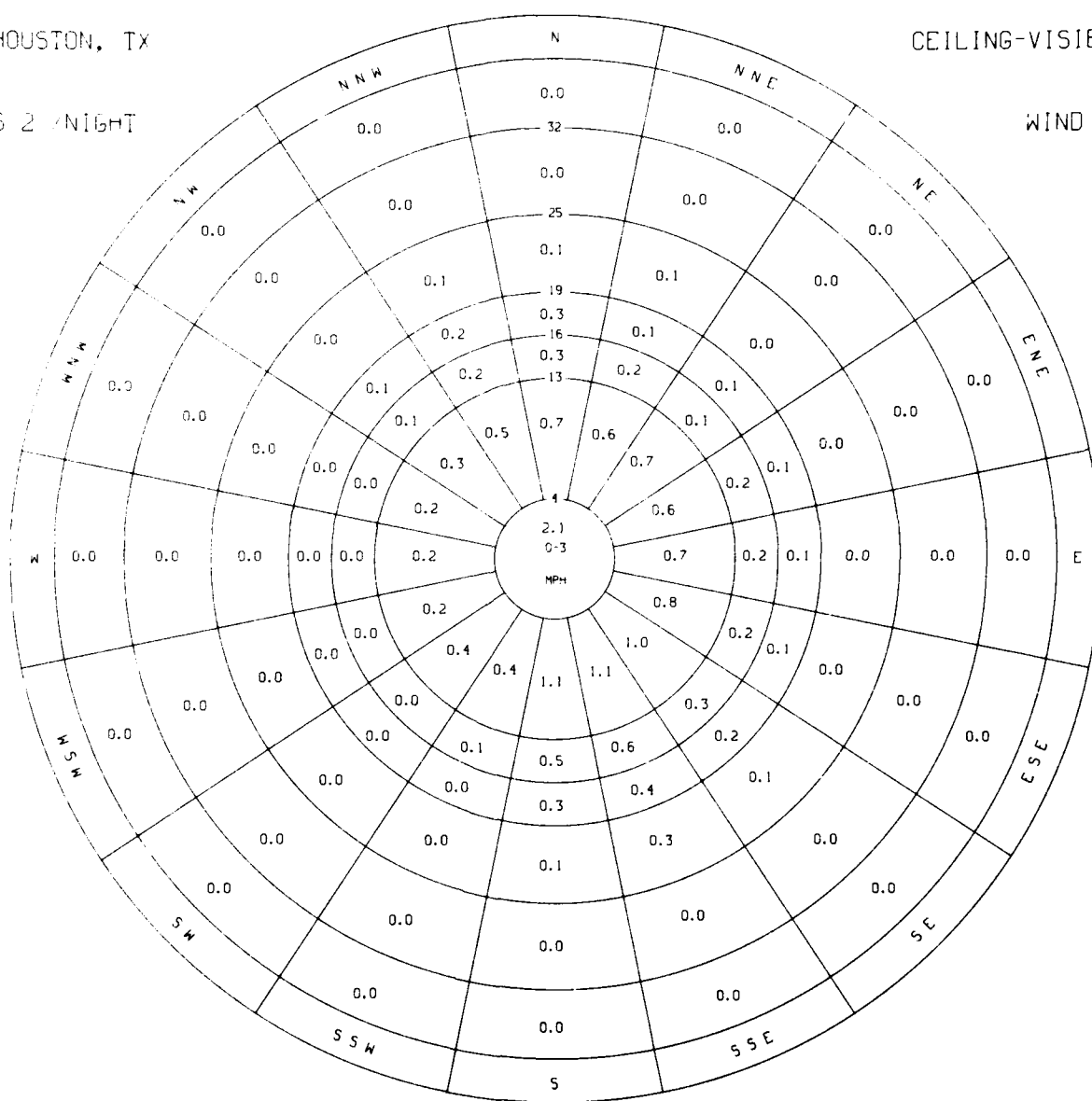
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.6	.8	6.0	.2	1.6	.2	1.7	.1	.6	.0	.1	.0	.0	1.5	10.8	11.2
NNE	.1	.6	.7	5.5	.2	1.3	.1	.9	.1	.5	.0	.1	.0	.0	1.2	8.9	10.6
NE	.1	.7	.9	6.9	.2	1.7	.1	.6	.1	.4	.0	.1	.0	.0	1.4	10.3	10.0
ENE	.1	.8	.8	6.2	.2	1.6	.1	1.0	.1	.4	.0	.1	.0	.0	1.4	10.1	10.3
E	.1	.6	.6	4.7	.2	1.4	.1	1.1	.1	.6	.0	.2	.0	.0	1.2	8.7	11.5
ESE	.1	.5	.5	3.8	.1	1.1	.2	1.2	.1	.6	.0	.1	.0	.1	1.0	7.4	11.7
SE	.0	.3	.4	2.7	.1	.8	.1	1.0	.1	.7	.0	.1	.0	.0	.8	5.6	12.4
SSE	.0	.1	.3	2.4	.3	1.9	.2	1.7	.2	1.2	.1	.4	.0	.1	1.1	7.8	14.9
S	.1	.4	.4	3.3	.2	1.5	.2	1.3	.1	.7	.0	.1	.0	.0	1.0	7.3	12.4
SSW	.0	.3	.1	1.1	.1	.5	.1	.4	.0	.2	.0	.1	.0	.0	.3	2.5	11.6
SW	.0	.3	.1	1.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.8	9.3
WSW	.0	.2	.1	1.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.5	9.8
W	.1	.5	.2	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.1	8.5
WNW	.0	.3	.1	1.1	.0	.4	.0	.3	.0	.2	.0	.1	.0	.0	.3	2.3	11.2
NW	.0	.3	.2	1.6	.1	.4	.1	.6	.1	.5	.0	.0	.0	.0	.5	3.4	12.0
NNW	.1	.4	.4	3.1	.2	1.4	.1	1.0	.1	.9	.0	.1	.0	.0	.9	6.9	12.5
CALM	.3	2.5													.3	2.5	
TOTAL	1.3	9.5	7.0	51.7	2.2	16.1	1.8	13.2	1.0	7.7	.2	1.5	.0	.3	13.5	100	11.2

HOU HOUSTON, TX

CLASS 2 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 12918

NO. OBS.: 5908

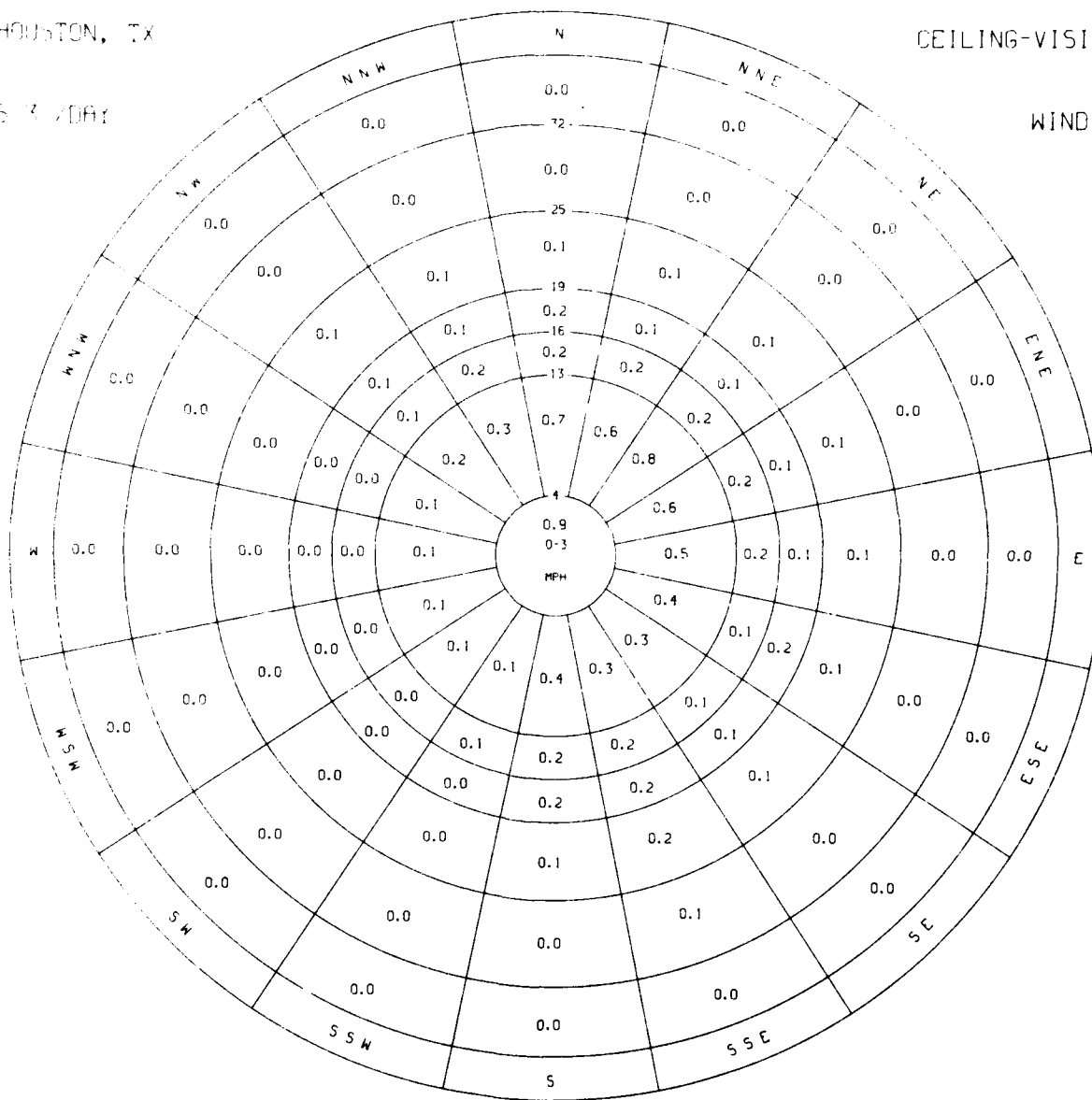
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.5	.7	4.1	.3	1.8	.3	1.6	.1	.6	.0	.0	.0	.0	1.6	8.7	11.9
NNE	.1	.4	.6	3.0	.2	1.2	.1	.7	.1	.3	.0	.1	.0	.0	1.0	5.8	11.1
NE	.1	.5	.7	3.6	.1	.7	.1	.5	.0	.2	.0	.0	.0	.1	1.0	5.6	10.2
ENE	.1	.8	.6	3.5	.2	1.1	.1	.6	.0	.3	.0	.0	.0	.0	1.1	6.3	10.0
E	.2	1.0	.7	3.9	.2	1.3	.1	.6	.0	.2	.0	.0	.0	.0	1.3	7.0	9.8
ESE	.1	.7	.8	4.4	.2	1.2	.1	.6	.0	.2	.0	.1	.0	.1	1.3	7.3	10.3
SE	.1	.8	1.0	5.6	.3	1.4	.2	1.2	.1	.5	.0	.2	.0	.1	1.8	9.7	11.1
SSE	.1	.5	1.1	6.2	.6	3.3	.4	2.5	.3	1.5	.0	.2	.0	.1	2.6	14.2	13.0
S	.1	.8	1.1	6.0	.5	2.5	.3	1.5	.1	.6	.0	.1	.0	.0	2.1	11.5	11.3
SSW	.1	.4	.4	2.3	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.6	3.4	9.3
SW	.1	.3	.4	2.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	2.7	8.2
WSW	.1	.3	.2	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.7	7.4
W	.0	.3	.2	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	1.5	8.6
WNW	.0	.2	.2	1.3	.0	.2	.0	.3	.0	.1	.0	.1	.0	.0	.4	2.2	10.6
NW	.1	.4	.3	1.6	.1	.5	.1	.4	.0	.2	.0	.1	.0	.0	.6	3.2	11.2
NNW	.1	.3	.5	2.5	.2	1.2	.2	.9	.1	.8	.0	.1	.0	.0	1.0	5.8	12.7
CALM	.6	3.4													.6	3.4	
TOTAL	2.1	11.7	9.5	52.5	3.1	17.2	2.1	11.6	1.0	5.8	.1	.8	.1	.4	18.1	100	10.6

HOU HOUSTON, TX

LEAS 3 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 12918

NO. OBS.: 4596

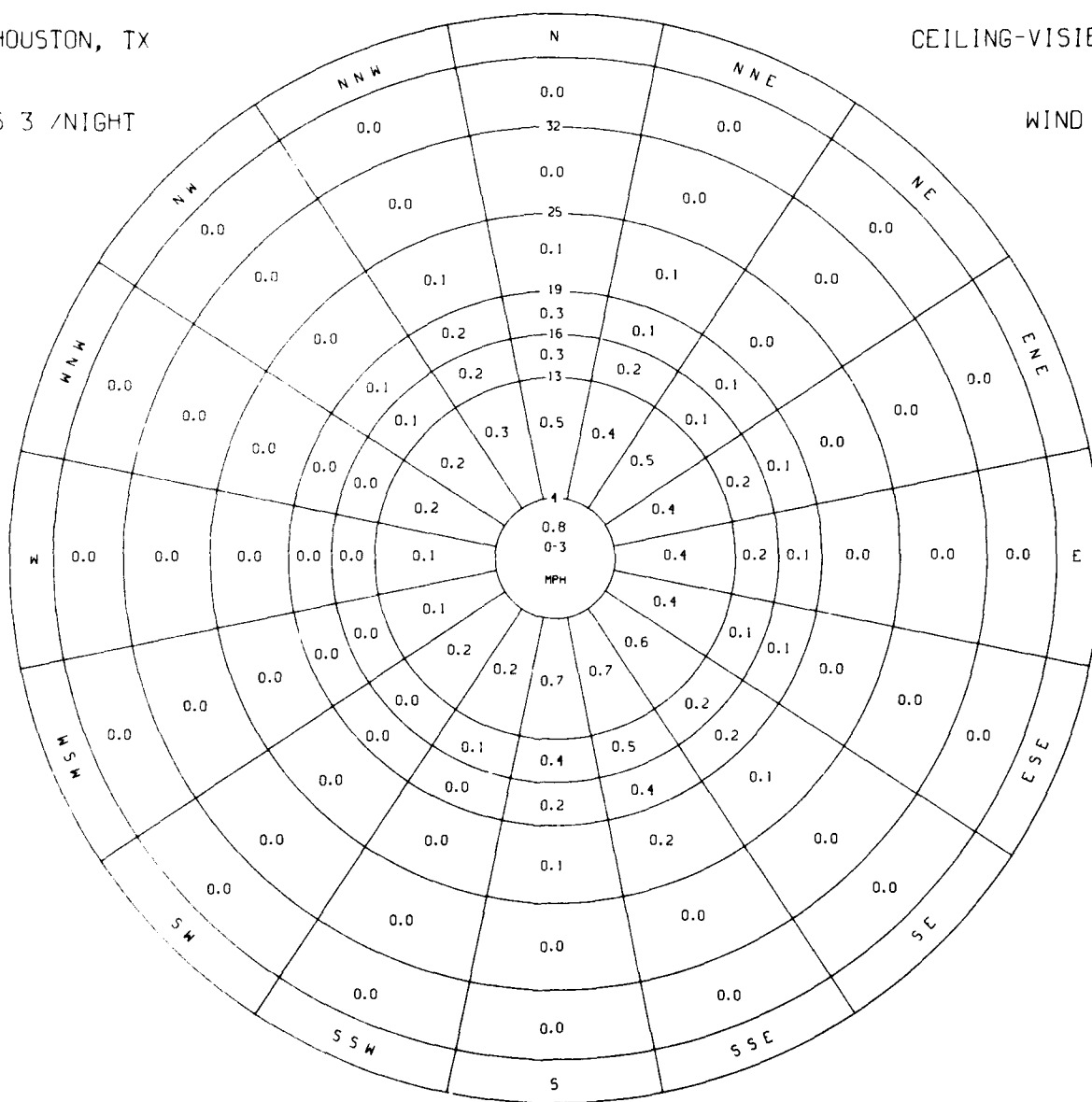
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.5	.7	6.2	.2	1.7	.2	2.0	.1	.7	.0	.2	.0	.0	1.3	11.3	11.6
NNE	.1	.5	.6	5.4	.2	1.4	.1	1.1	.1	.5	.0	.1	.0	.0	1.0	9.0	11.0
NE	.1	.5	.8	6.6	.2	1.8	.1	.7	.1	.5	.0	.1	.0	.0	1.2	10.2	10.4
ENE	.1	.7	.6	5.6	.2	1.7	.1	1.2	.1	.5	.0	.1	.0	.0	1.1	9.9	10.9
E	.1	.5	.5	4.1	.2	1.5	.1	1.2	.1	.7	.0	.2	.0	.0	.9	8.1	12.1
ESE	.0	.4	.4	3.2	.1	1.2	.2	1.4	.1	.7	.0	.1	.0	.0	.8	6.9	12.5
SE	.0	.3	.3	2.5	.1	.8	.1	1.1	.1	.8	.0	.1	.0	.0	.6	5.5	13.3
SSE	.0	.1	.3	2.4	.2	2.1	.2	2.0	.2	1.3	.1	.5	.0	.0	1.0	8.5	15.3
S	.0	.3	.4	3.3	.2	1.7	.2	1.5	.1	.8	.0	.1	.0	.0	.9	7.7	12.8
SSW	.0	.3	.1	1.0	.1	.5	.0	.4	.0	.2	.0	.1	.0	.0	.3	2.5	12.0
SW	.0	.2	.1	1.1	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.2	1.8	10.0
WSW	.0	.2	.1	.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.5	10.4
W	.0	.4	.1	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.0	9.0
WNW	.0	.2	.1	1.1	.0	.4	.0	.3	.0	.2	.0	.1	.0	.0	.3	2.4	11.8
NW	.0	.1	.2	1.6	.1	.5	.1	.7	.1	.5	.0	.0	.0	.0	.4	3.4	12.9
NNW	.0	.4	.3	2.9	.2	1.5	.1	1.2	.1	1.0	.0	.0	.0	.0	.8	7.1	12.9
CALM	.2	2.0													.2	2.0	
TOTAL	.9	7.6	5.6	49.0	2.0	17.5	1.7	15.2	1.0	8.7	.2	1.7	.0	.3	11.4	100	11.8

HOU HOUSTON, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 12918

NO. OBS.: 4094

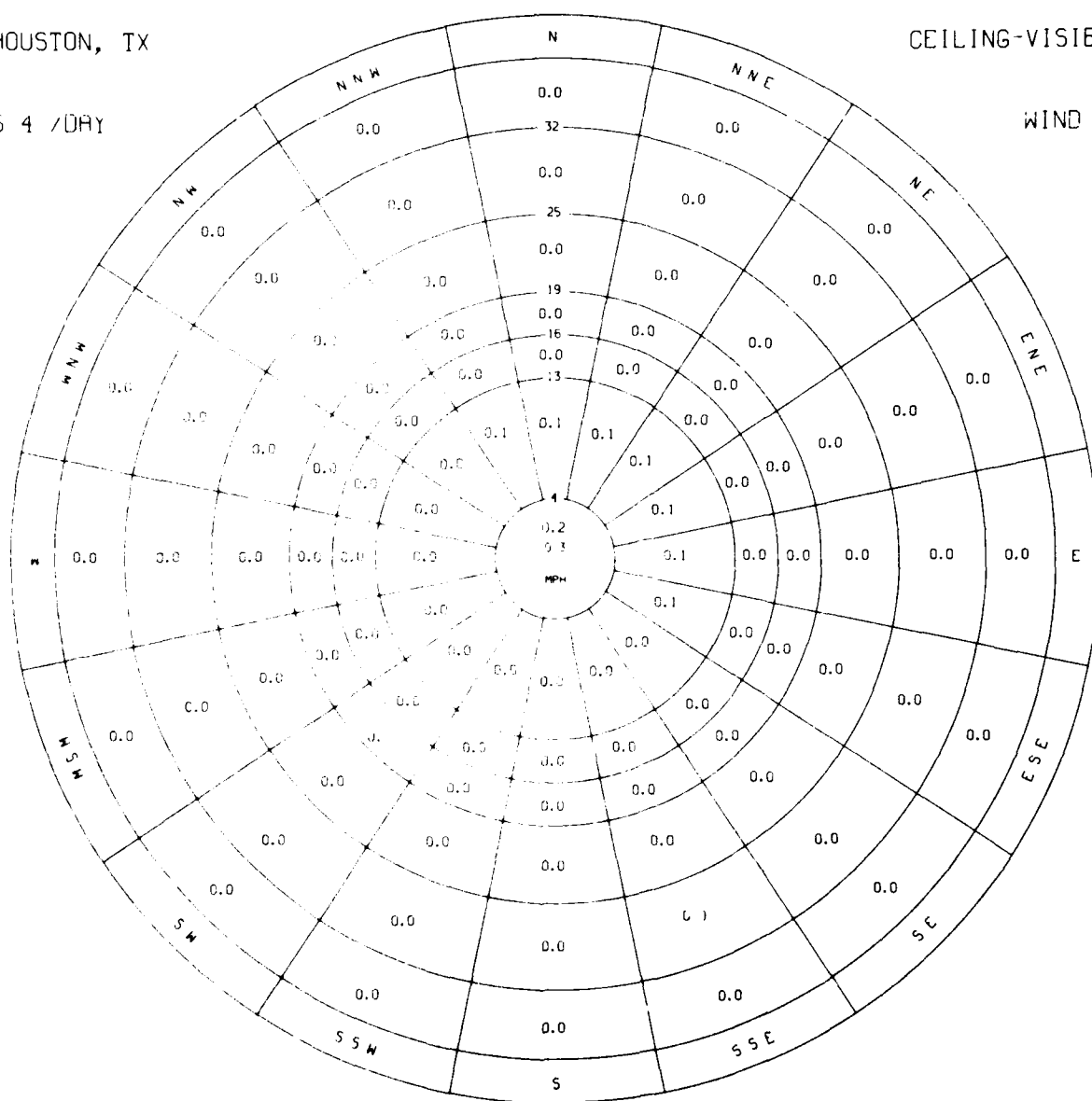
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.5	4.3	.3	2.2	.3	2.2	.1	.9	.0	.0	.0	.0	1.3	10.1	12.8
NNE	.0	.4	.4	3.3	.2	1.7	.1	1.0	.1	.4	.0	.1	.0	.0	.9	6.9	11.9
NE	.1	.4	.5	4.1	.1	.9	.1	.7	.0	.3	.0	.0	.0	.1	.8	6.5	11.1
ENE	.1	.4	.4	3.4	.2	1.2	.1	.7	.0	.3	.0	.0	.0	.0	.8	6.1	11.0
E	.0	.3	.4	2.9	.2	1.5	.1	.6	.0	.3	.0	.0	.0	.0	.7	5.6	11.6
ESE	.0	.2	.4	3.1	.1	1.1	.1	.7	.0	.3	.0	.0	.0	.0	.7	5.6	11.5
SE	.1	.4	.6	4.7	.2	1.7	.2	1.6	.1	.7	.0	.2	.0	.1	1.2	9.5	12.6
SSE	.0	.2	.7	5.8	.5	4.1	.4	3.2	.2	1.9	.0	.3	.0	.1	2.0	15.6	14.0
S	.0	.3	.7	5.4	.4	3.2	.2	2.0	.1	.9	.0	.1	.0	.0	1.5	11.8	12.6
SSW	.0	.2	.2	1.9	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.2	10.6
SW	.0	.2	.2	1.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.3	9.5
WSW	.0	.2	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.4	8.3
W	.0	.2	.1	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.3	9.8
WNW	.0	.1	.2	1.2	.0	.2	.0	.3	.0	.2	.0	.1	.0	.0	.3	2.1	12.3
NW	.0	.2	.2	1.5	.1	.7	.1	.5	.0	.2	.0	.1	.0	.0	.4	3.3	12.6
NNW	.0	.3	.3	2.6	.2	1.3	.2	1.2	.1	1.2	.0	.1	.0	.0	.8	6.7	13.5
CALM	.2	1.9													.2	1.9	
TOTAL	.8	6.4	6.0	47.8	2.6	20.9	1.9	15.5	1.0	7.8	.1	1.1	.1	.5	12.5	100	12.0

HOU HOUSTON, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 12918

NO. OBS.: 568

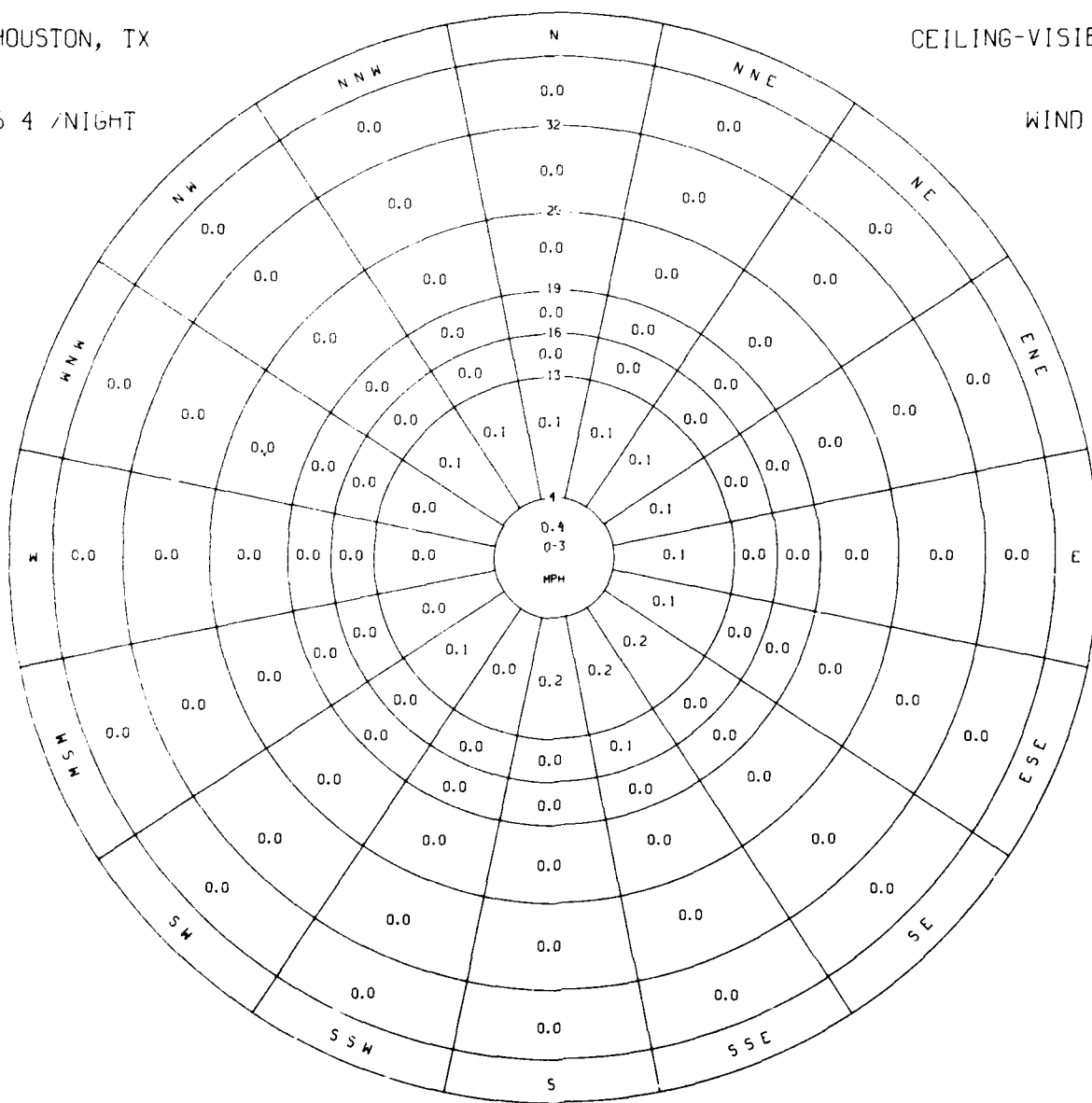
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.1	.1	7.0	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	9.5	8.1
NNE	.0	.7	.1	6.3	.0	.9	.0	.0	.0	.4	.0	.2	.0	.0	.1	8.5	9.2
NE	.0	.4	.1	10.2	.0	1.2	.0	.0	.0	.2	.0	.0	.0	.0	.2	12.0	8.8
ENE	.0	1.1	.1	9.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	12.0	8.1
E	.0	1.2	.1	7.7	.0	1.4	.0	.7	.0	.2	.0	.4	.0	.0	.2	11.6	10.1
ESE	.0	.9	.1	5.8	.0	.9	.0	.5	.0	.5	.0	.0	.0	.2	.1	8.8	10.4
SE	.0	.4	.0	3.5	.0	1.1	.0	.4	.0	.2	.0	.0	.0	.0	.1	5.5	9.6
SSE	.0	.2	.0	2.5	.0	.7	.0	.2	.0	.5	.0	.0	.0	.2	.1	4.2	12.6
S	.0	.2	.0	2.5	.0	.7	.0	.5	.0	.4	.0	.0	.0	.0	.1	4.2	10.8
SSW	.0	.2	.0	1.2	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.9	9.5
SW	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.1
WSW	.0	.4	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.4
W	.0	.7	.0	1.8	.0	.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	3.0	8.1
WNW	.0	.4	.0	1.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.9	8.3
NW	.0	.7	.0	1.9	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	3.3	8.9
NNW	.0	.5	.1	4.4	.0	.7	.0	.2	.0	.2	.0	.2	.0	.0	.1	6.2	9.7
CALM	.1	4.0													.1	4.0	
TOTAL	.2	13.4	1.0	68.3	.2	10.9	.0	3.2	.0	3.2	.0	.7	.0	.4	1.4	100	8.9

HOU HOUSTON, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 12918

NO. OBS.: 840

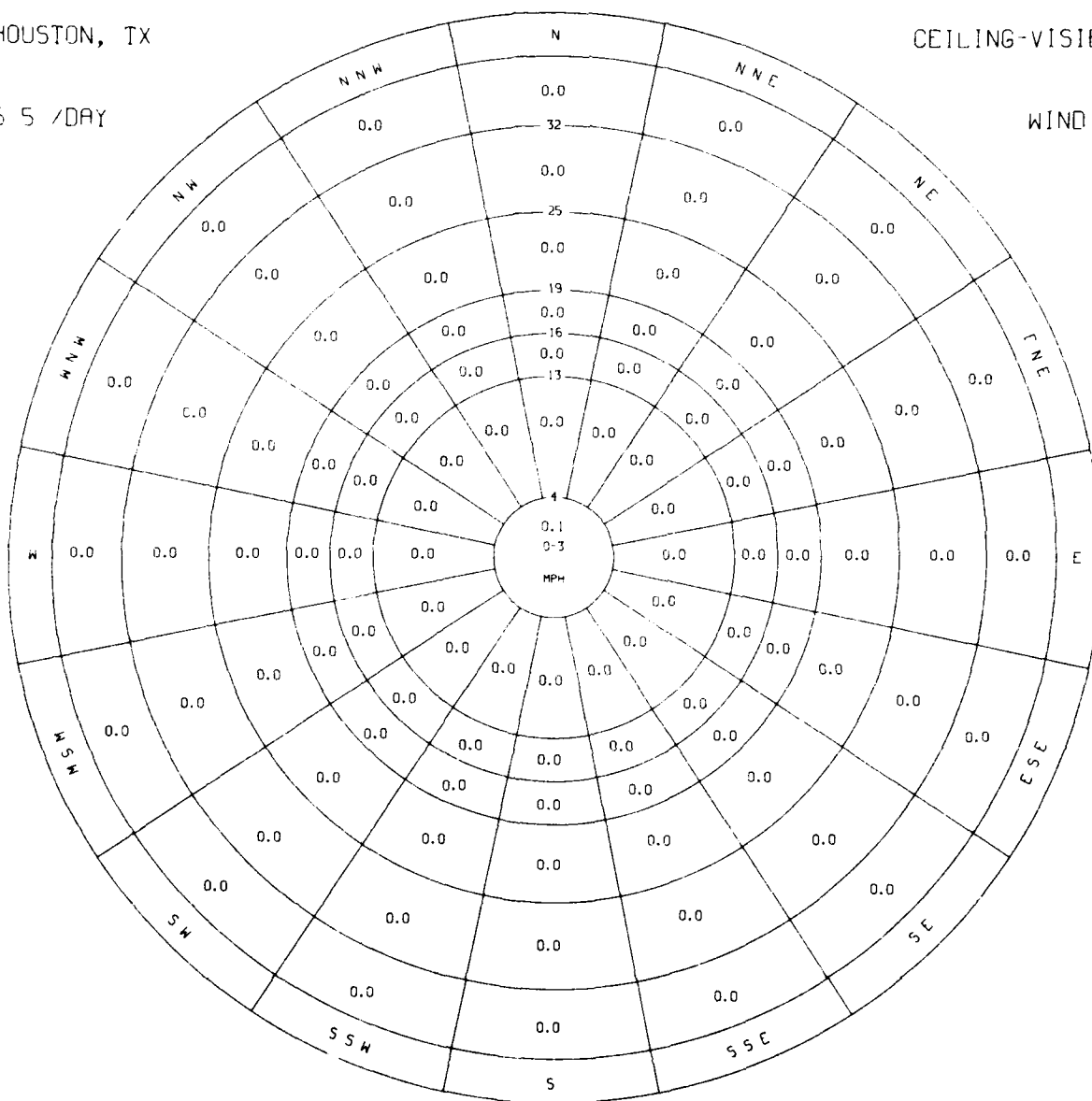
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.6	.1	4.9	.0	1.5	.0	.2	.0	.1	.0	.0	.0	.0	.2	7.4	9.2
NNE	.0	.4	.1	3.2	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.1	4.5	8.5
NE	.0	.6	.1	2.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	8.1
ENE	.0	1.2	.1	3.5	.0	1.7	.0	.5	.0	.2	.0	.0	.0	.0	.2	7.0	10.1
E	.0	1.2	.1	5.5	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.2	8.6	9.2
ESE	.0	1.1	.1	5.4	.0	1.7	.0	.6	.0	.4	.0	.2	.0	.0	.2	9.3	10.4
SE	.0	1.0	.2	8.0	.0	.8	.0	.5	.0	.1	.0	.0	.0	.0	.3	10.4	8.9
SSE	.0	.6	.2	7.9	.1	2.5	.0	1.4	.0	1.0	.0	.0	.0	.0	.3	13.3	11.3
S	.0	1.3	.2	8.5	.0	1.7	.0	.6	.0	.2	.0	.0	.0	.0	.3	12.3	9.2
SSW	.0	.5	.0	1.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	8.0
SW	.0	.4	.1	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	7.2
WSW	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.1
W	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.6
WNW	.0	.4	.0	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.7	8.3
NW	.0	.6	.1	2.3	.0	.4	.0	.2	.0	.1	.0	.0	.0	.1	.1	3.7	9.7
NNW	.0	.5	.1	3.3	.0	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.1	5.5	9.6
CALM	.1	3.5													.1	3.5	
TOTAL	.4	14.6	1.6	62.9	.4	14.6	.1	5.2	.1	2.3	.0	.2	.0	.1	2.6	100	9.1

HOU HOUSTON, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 5 / DAY

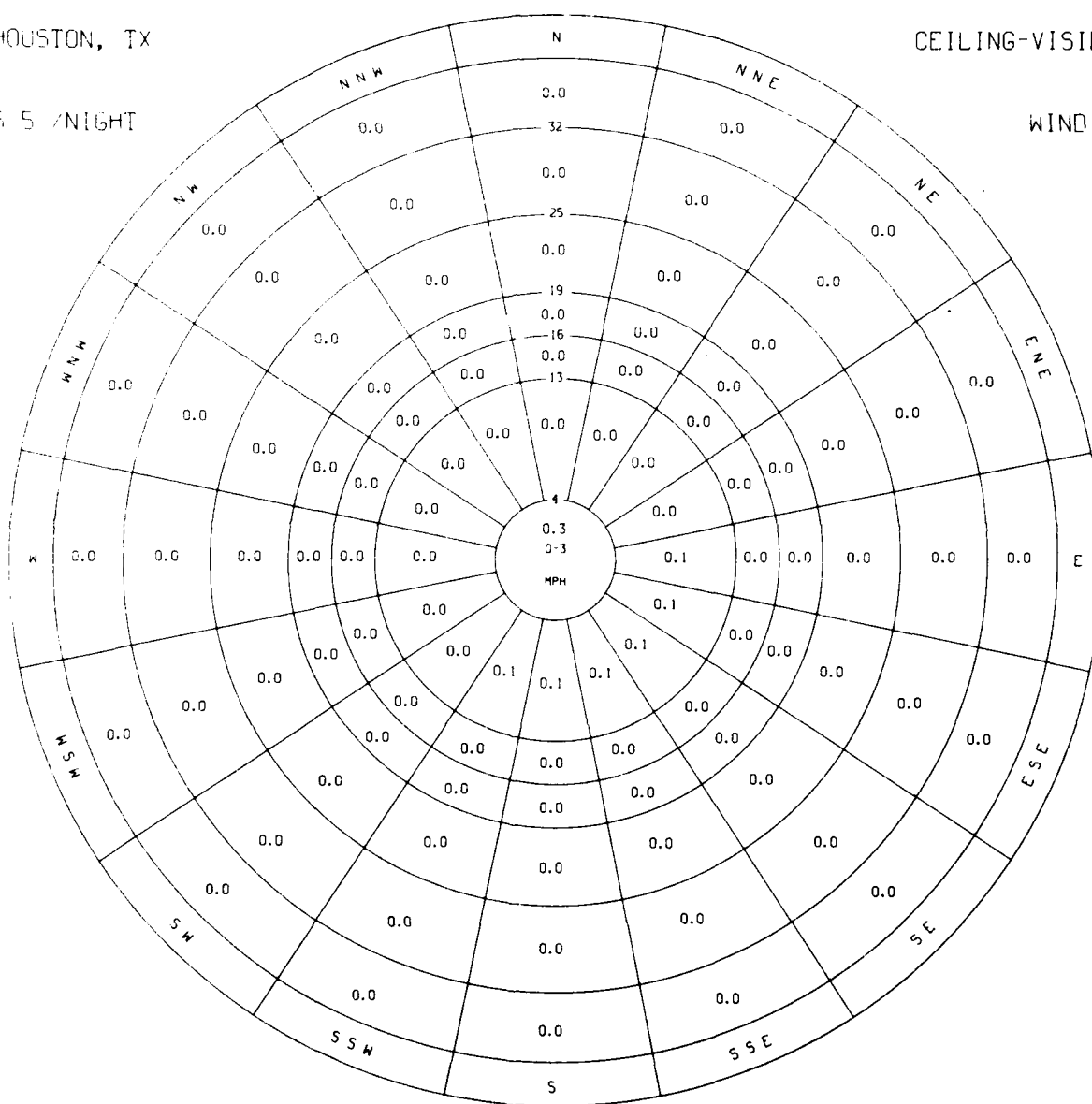
STATION NUMBER: 12918

NO. OBS.: 120

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.8	.0	3.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.8	.0	5.8	11.7
NNE	.0	1.7	.0	5.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.8
NE	.0	1.7	.0	5.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	8.4
ENE	.0	2.5	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.2
E	.0	2.5	.0	13.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.8	6.8
ESE	.0	.8	.0	8.3	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	10.0	8.4
SE	.0	.8	.0	2.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.8
SSE	.0	.0	.0	3.3	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	5.0	10.0
S	.0	1.7	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	4.9
SSW	.0	.0	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	1.7	11.0
SW	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
WSW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
W	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0
WNW	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.5
NW	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
NNW	.0	.8	.0	7.5	.0	.0	.0	.0	.0	.0	.0	.8	.0	.8	.0	10.0	12.0
CALM	.0	7.5													.0	7.5	
TOTAL	.1	24.2	.2	65.0	.0	5.8	.0	2.5	.0	.0	.0	.8	.0	1.7	.3	100	7.6

CLASS 5 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ADD HOUSTON, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 12918

NO. OBS.: 381

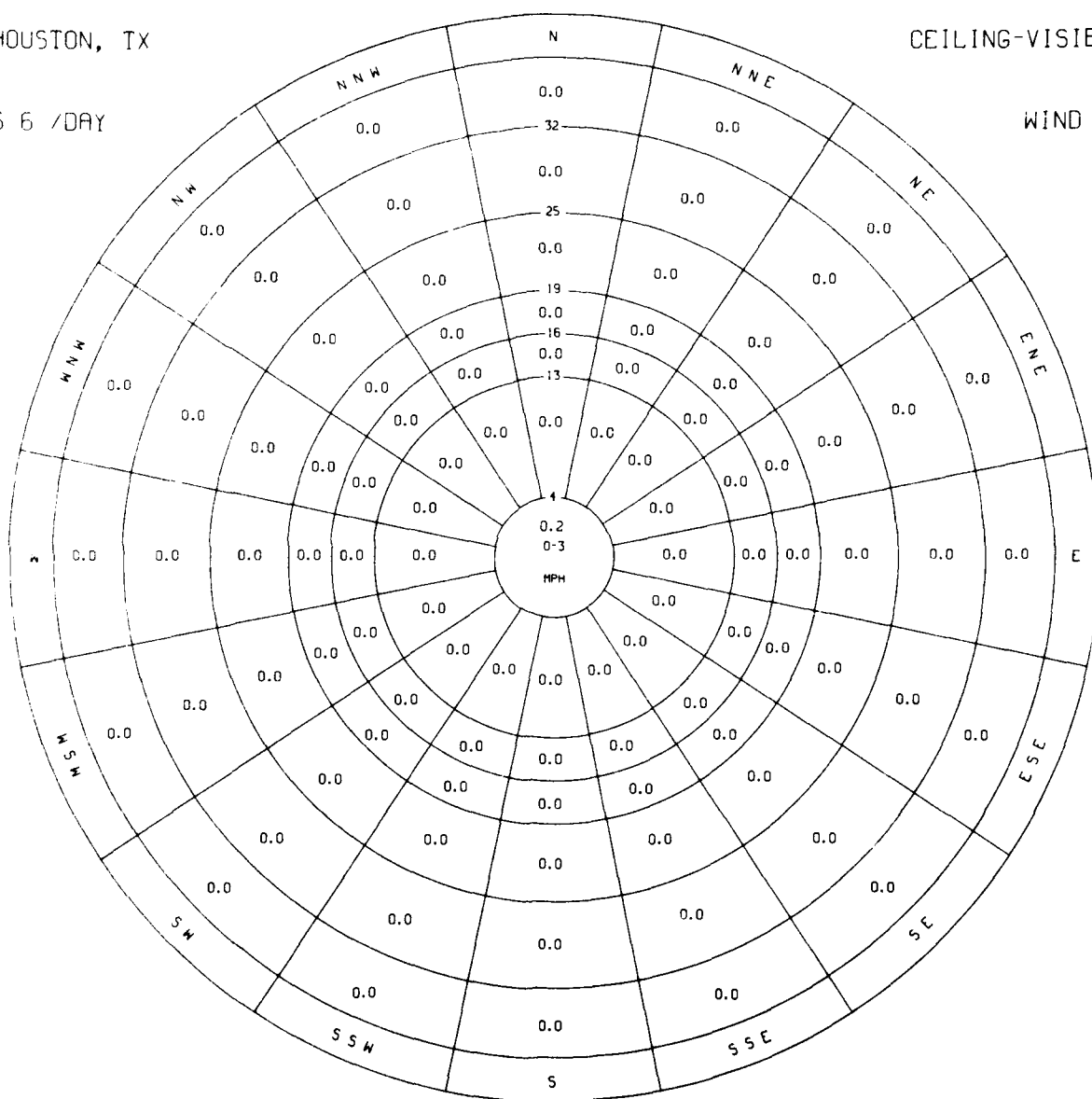
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.0	.0	2.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.5
NNE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.8
NE	.0	1.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.8
ENE	.0	1.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	6.4
E	.0	2.4	.1	5.8	.0	1.0	.0	.8	.0	.0	.0	.0	.0	.0	.1	10.0	8.2
ESE	.0	1.0	.1	10.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.3	.1	12.3	9.6
SE	.0	2.1	.1	7.1	.0	1.6	.0	.3	.0	.0	.0	.0	.0	.0	.1	11.0	8.0
SSE	.0	2.1	.1	6.8	.0	1.3	.0	.3	.0	.3	.0	.0	.0	.0	.1	10.8	8.5
S	.0	2.9	.1	8.1	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.1	12.1	7.4
SSW	.0	.8	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	6.6
SW	.0	.5	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.9
WSW	.0	.5	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.9
W	.0	.3	.0	2.1	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	2.6	8.2
WNW	.0	.8	.0	2.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.8
NW	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.8
NNW	.0	.0	.0	2.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.6	9.0
CALM	.1	8.1													.1	8.1	
TOTAL	.3	25.5	.8	65.6	.1	6.3	.0	1.8	.0	.5	.0	.0	.0	.3	1.2	100	7.1

HOU HOUSTON, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 12918

NO. OBS.: 172

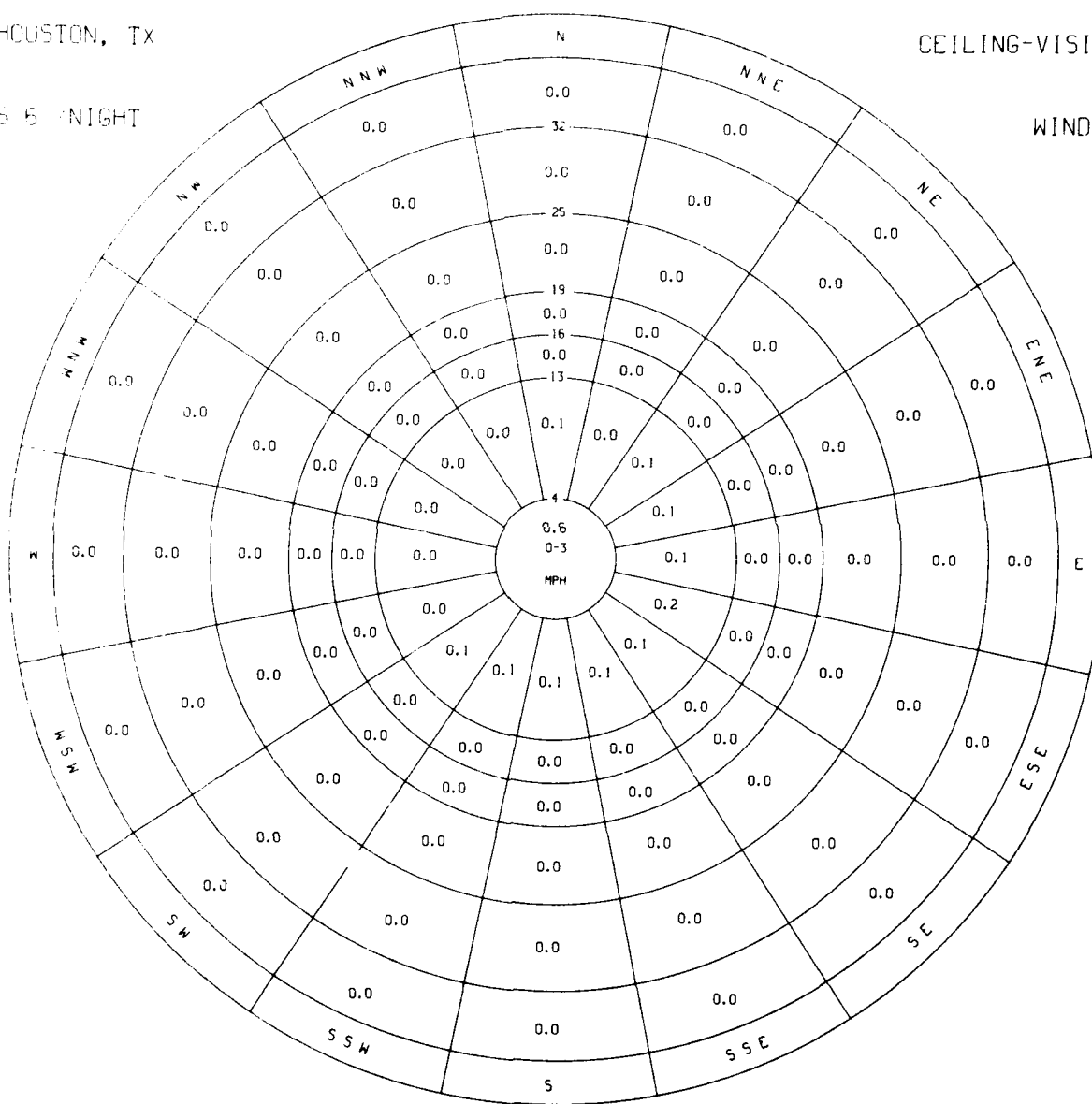
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.8
NNE	.0	2.3	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	5.3
NE	.0	4.7	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	4.3
ENE	.0	.6	.0	10.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.2	6.9
E	.0	1.2	.0	6.4	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	8.1	7.5
ESE	.0	1.7	.0	11.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.8	6.5
SE	.0	2.3	.0	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.5
SSE	.0	1.2	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1
S	.0	1.2	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.9
SSW	.0	.6	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.8
SW	.0	1.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.0
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.0
W	.0	3.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	2.9
WNW	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0
NW	.0	2.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	3.6
NNW	.0	1.2	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.5
CALM	.0	9.3													.0	9.3	
TOTAL	.2	37.8	.3	59.9	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.4	100	5.2

HOU HOUSTON, TX

CLASS 6 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HOU HOUSTON, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 12918

NO. OBS.: 593

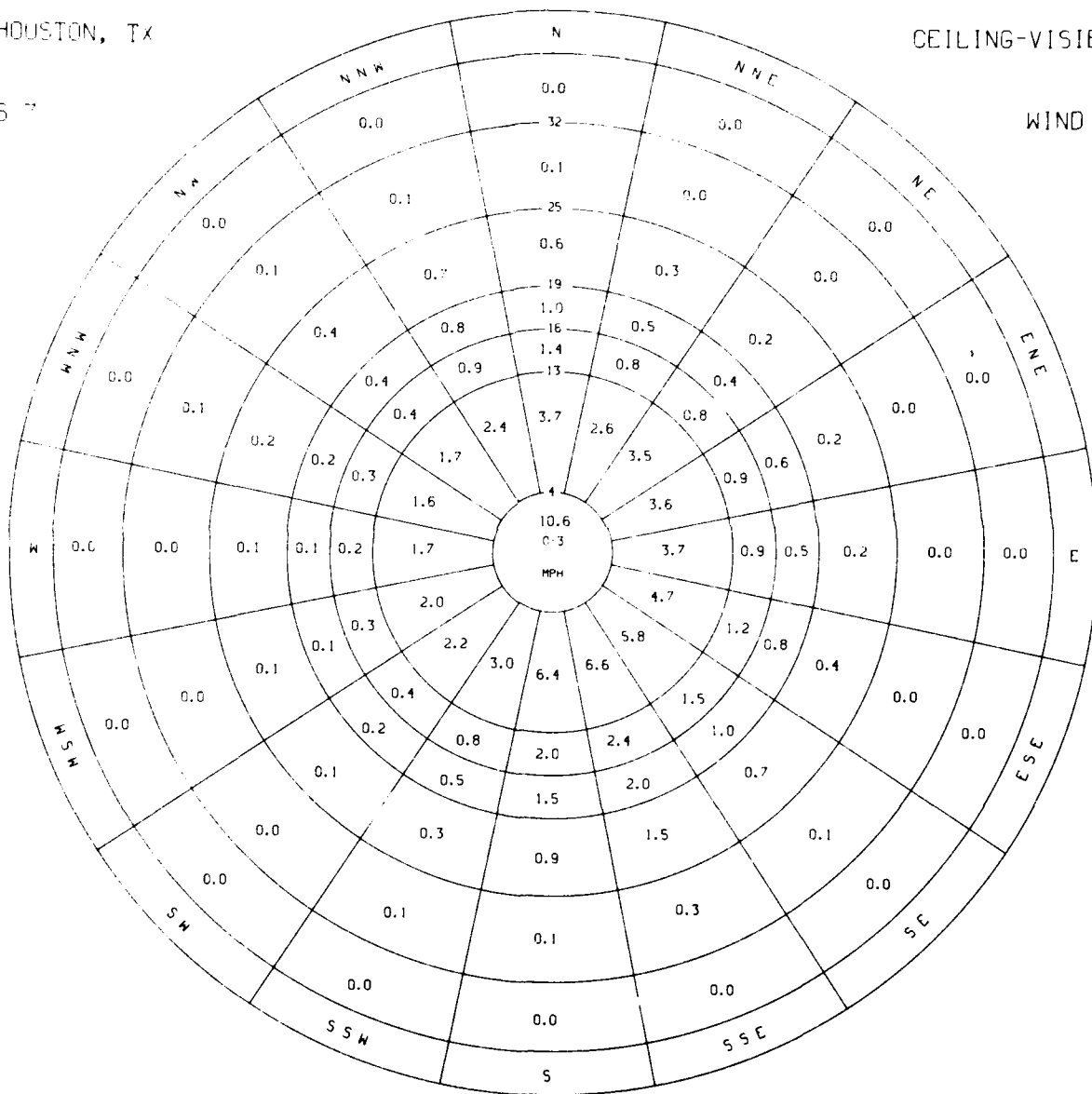
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.2	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	6.0
NNE	.0	1.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.7
NE	.0	1.0	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	5.3
ENE	.0	2.7	.1	4.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.6	6.2
E	.1	4.7	.1	7.4	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	12.6	5.8
ESE	.1	3.4	.2	8.6	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	13.2	7.1
SE	.0	2.2	.1	7.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.8	6.8
SSE	.0	1.5	.1	5.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.8	6.5
S	.0	1.9	.1	5.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.6	6.1
SSW	.0	.7	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	6.0
SW	.0	1.0	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	5.8
WSW	.0	.7	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	5.4
W	.0	.3	.0	2.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.5	6.8
WNW	.0	.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.3
NW	.0	1.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.6
NNW	.0	.5	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.1
CALM	.2	10.3													.2	10.3	
TOTAL	.6	34.7	1.1	62.1	.0	2.7	.0	.5	.0	.0	.0	.0	.0	.0	1.8	100	5.6

HOU HOUSTON, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

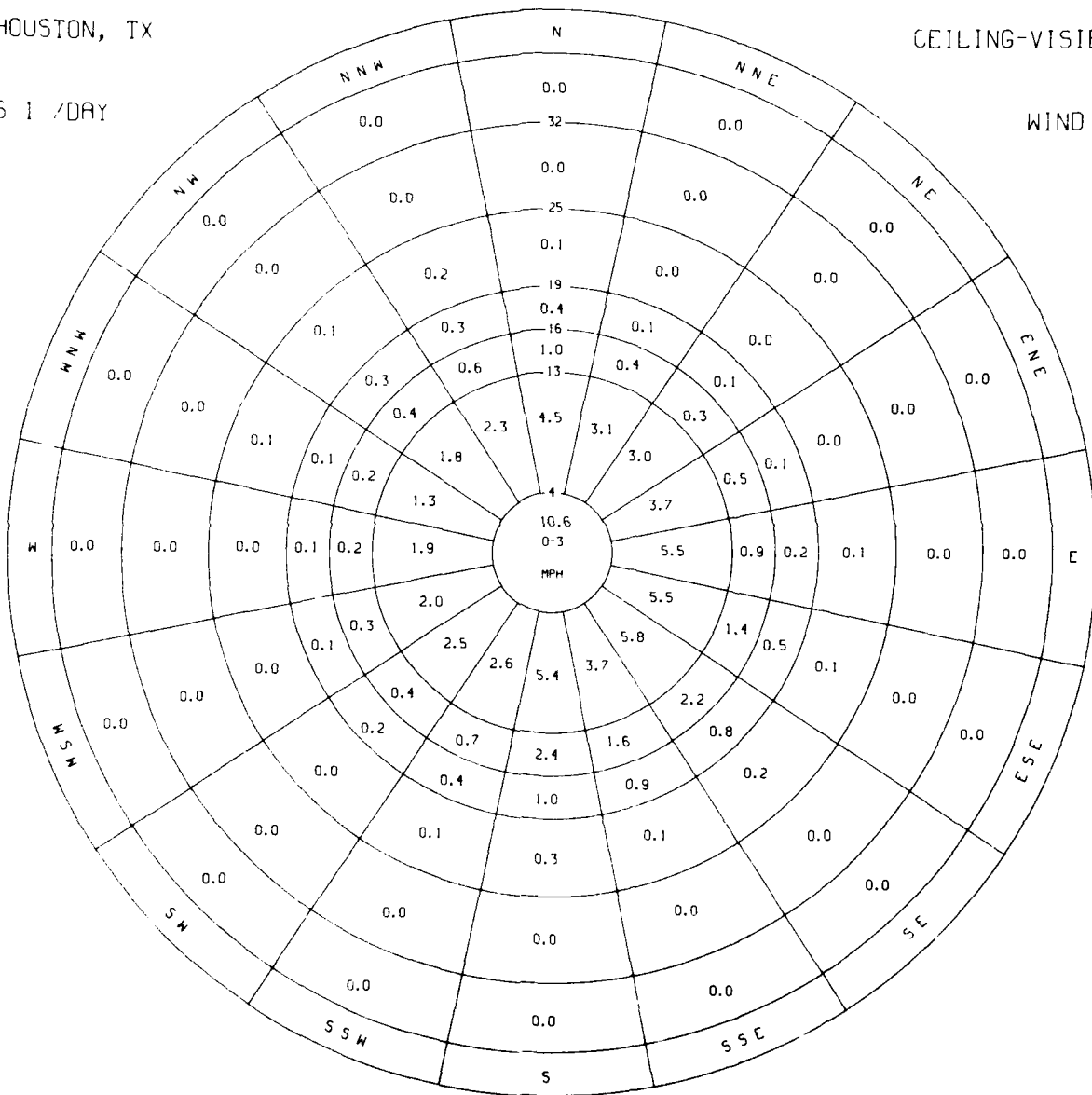


IAH HOUSTON, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 1 / DAY

STATION NUMBER: 12960

NO. OBS.: 12443

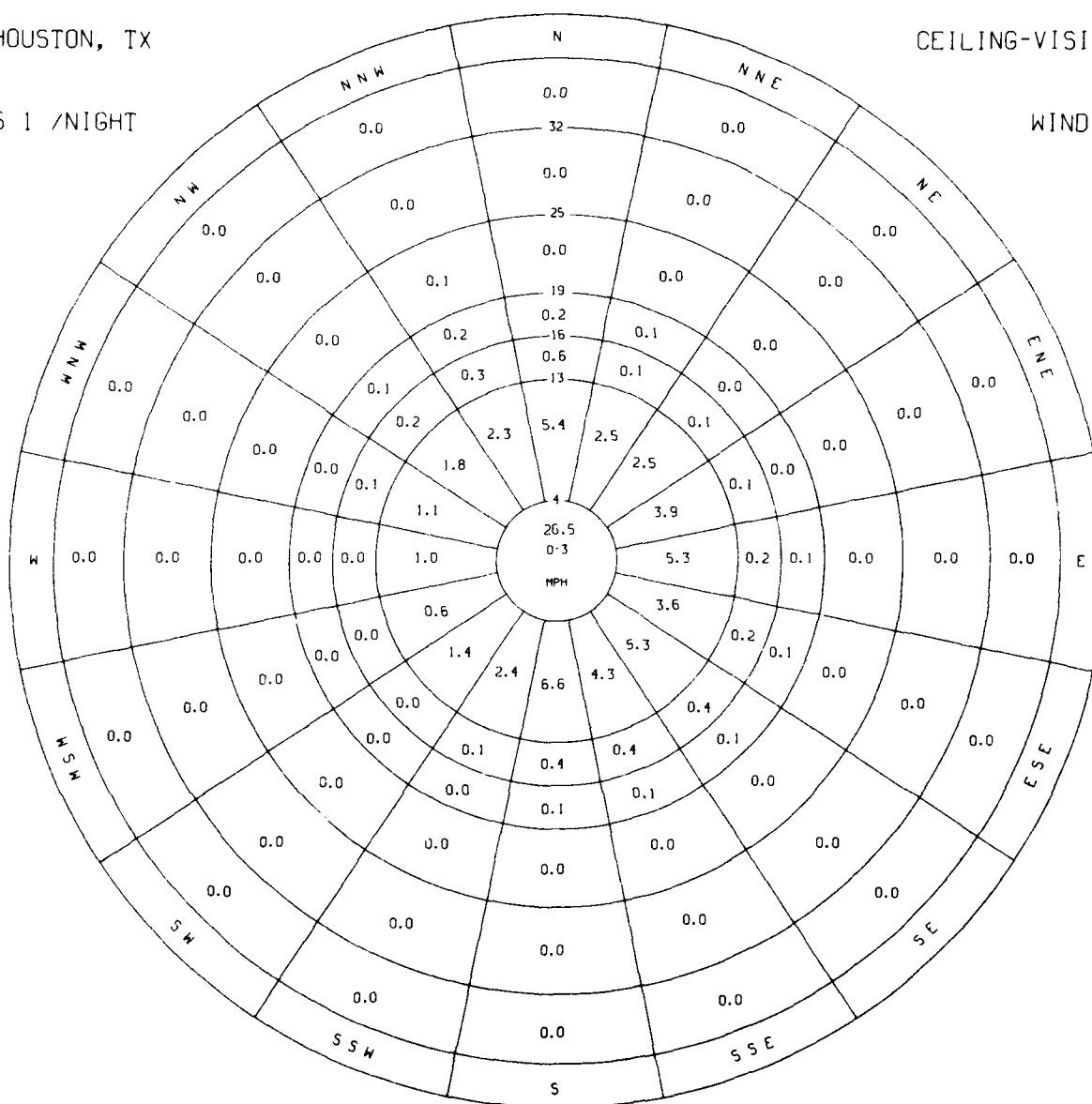
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.8	.9	4.5	5.2	1.0	1.1	.4	.5	.1	.1	.0	.0	.0	.0	6.8	7.9	9.0
NNE	.6	.7	3.1	3.6	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.2	4.9	7.8
NE	.8	.9	3.0	3.5	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.2	4.9	7.4
ENE	.7	.8	3.7	4.4	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	5.0	5.8	7.5
E	.4	.5	5.5	6.4	.9	1.0	.2	.3	.1	.1	.0	.0	.0	.0	7.1	8.3	8.7
ESE	.3	.4	5.5	6.5	1.4	1.6	.5	.6	.1	.1	.0	.0	.0	.0	7.9	9.2	10.0
SE	.3	.3	5.8	6.7	2.2	2.5	.8	1.0	.2	.2	.0	.0	.0	.0	9.3	10.8	10.8
SSE	.2	.2	3.7	4.3	1.6	1.8	.9	1.0	.1	.1	.0	.0	.0	.0	6.5	7.6	11.2
S	.4	.5	5.4	6.2	2.4	2.7	1.0	1.2	.3	.3	.0	.0	.0	.0	9.4	11.0	10.8
SSW	.2	.2	2.6	3.1	.7	.8	.4	.4	.1	.1	.0	.0	.0	.0	4.0	4.7	9.9
SW	.3	.3	2.5	2.9	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	3.5	4.0	8.8
WSW	.3	.4	2.0	2.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.1	8.0
W	.4	.5	1.9	2.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.6	3.1	7.8
WNW	.4	.4	1.3	1.5	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	2.1	2.5	8.7
NW	.4	.4	1.8	2.1	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	2.9	3.4	9.4
NNW	.3	.4	2.3	2.7	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	3.8	4.4	10.0
CALM	3.8	4.4													3.8	4.4	
TOTAL	10.6	12.4	54.7	63.8	13.3	15.5	5.6	6.6	1.4	1.7	.1	.1	.0	.0	85.7	100	9.0

IAH HOUSTON, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 1 / NIGHT

STATION NUMBER: 12960

NO. OBS.: 9538

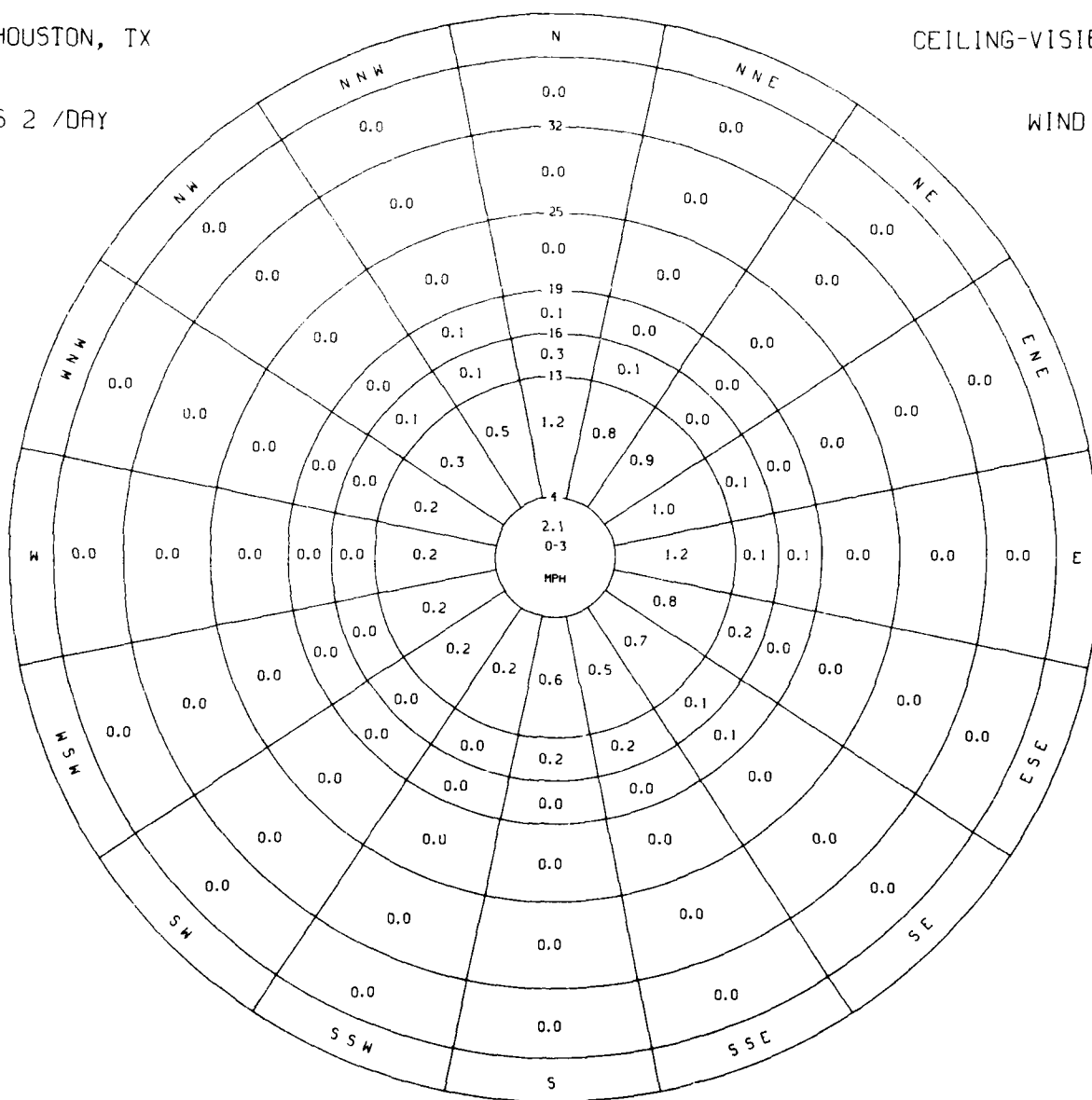
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.5	1.8	5.4	6.6	.6	.7	.2	.2	.0	.0	.0	.0	.0	.0	7.6	9.4	7.2
NNE	.9	1.2	2.5	3.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.6	4.5	6.2
NE	1.4	1.7	2.5	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.4
ENE	1.3	1.6	3.9	4.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.5	5.7
E	1.1	1.4	5.3	6.5	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.7	8.3	6.5
ESE	.4	.4	3.6	4.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.3	5.3	7.6
SE	.4	.5	5.3	6.5	.4	.5	.1	.2	.0	.1	.0	.0	.0	.0	6.2	7.7	8.0
SSE	.3	.4	4.3	5.3	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	5.2	6.4	8.0
S	.6	.8	6.6	8.1	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	7.8	9.6	7.6
SSW	.4	.5	2.4	3.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.6	6.4
SW	.6	.7	1.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.5	5.5
WSW	.5	.6	.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.4	5.1
W	.6	.7	1.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.9	5.1
WNW	.9	1.1	1.1	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.7	5.4
NW	1.1	1.3	1.8	2.2	.2	.3	.1	.1	.0	.1	.0	.0	.0	.0	3.2	3.9	6.5
NNW	.7	.8	2.3	2.9	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	3.5	4.3	7.7
CALM	13.9	17.1													13.9	17.1	
TOTAL	26.5	32.7	50.0	61.7	3.1	3.8	1.2	1.4	.3	.4	.0	.0	.0	.0	81.1	100	5.6

IAH HOUSTON, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 2 / DAY

STATION NUMBER: 12960

NO. OBS.: 2072

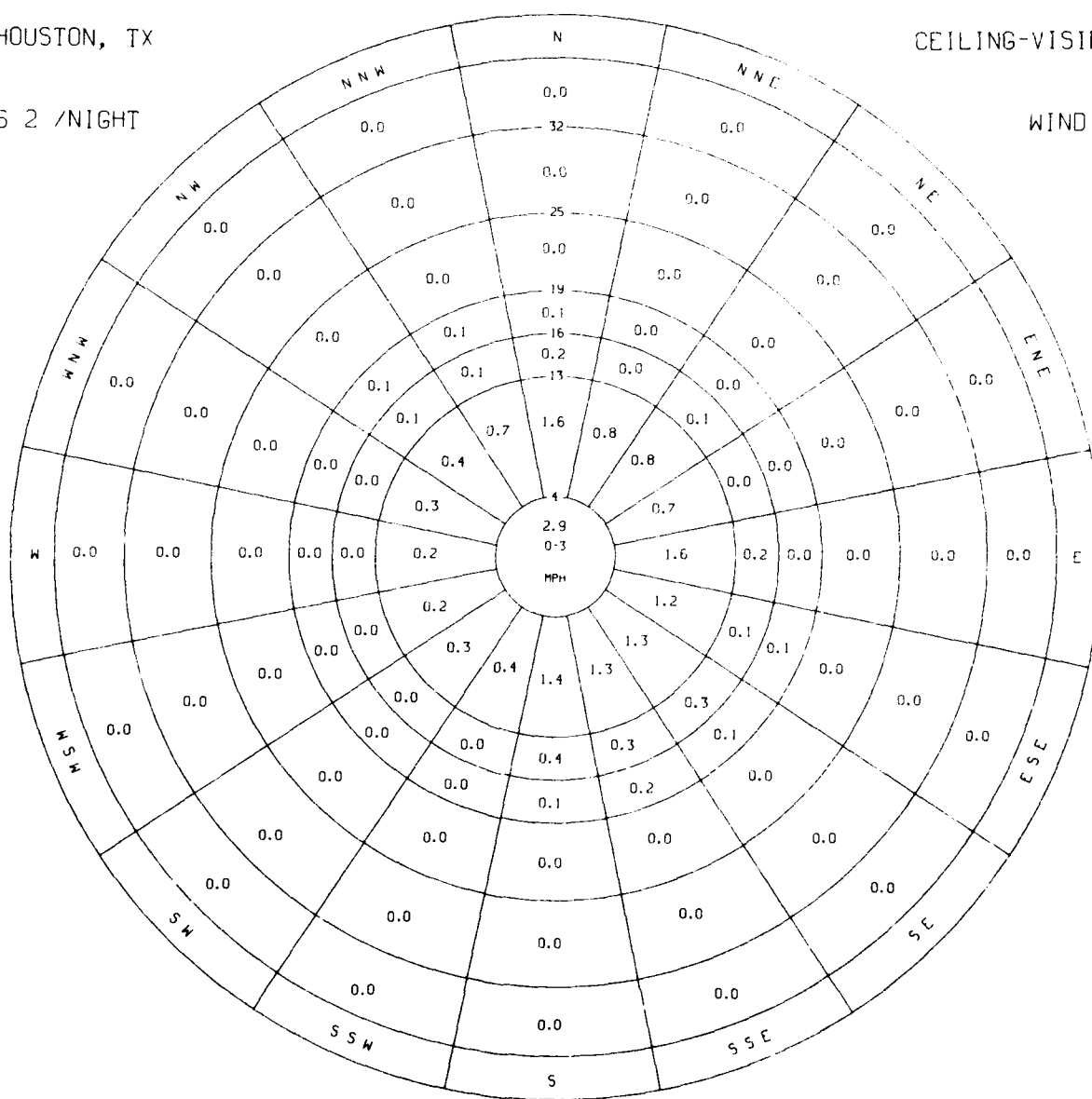
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.2	1.3	1.2	8.6	.3	1.8	.1	.5	.0	.1	.0	.0	.0	.0	.0	1.8	12.4	8.8
NNE	.2	1.2	.8	5.9	.1	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.1	7.8	7.6
NE	.2	1.6	.9	6.5	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.3	8.8	6.9
ENE	.1	.9	1.0	7.3	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.3	8.9	7.8
E	.1	.6	1.2	8.7	.1	1.0	.1	.5	.0	.2	.0	.0	.0	.0	.0	1.6	11.0	8.9
ESE	.0	.1	.8	5.9	.2	1.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.2	8.1	9.8
SE	.0	.3	.7	5.1	.1	.9	.1	.4	.0	.2	.0	.0	.0	.0	.0	1.0	6.9	9.3
SSE	.0	.3	.5	3.2	.2	1.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.7	5.1	10.0
S	.1	.5	.6	4.5	.2	1.4	.0	.3	.0	.2	.0	.0	.0	.0	.0	1.0	6.9	9.7
SSW	.1	.4	.2	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.2	8.1
SW	.1	.5	.2	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0	8.0
WSW	.0	.3	.2	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	1.8	7.0
W	.0	.3	.2	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.1	7.7
WNW	.0	.2	.2	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	7.4
NW	.0	.2	.3	2.1	.1	.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.5	3.2	10.0
NNW	.0	.2	.5	3.7	.1	.6	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.8	5.6	10.3
CALM	.8	5.6														.8	5.6	
TOTAL	2.1	14.6	9.8	68.4	1.6	11.4	.6	4.2	.2	1.4	.0	.0	.0	.0	.0	14.3	100	8.2

IAH HOUSTON, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 2 / NIGHT

STATION NUMBER: 12960

NO. OBS.: 2227

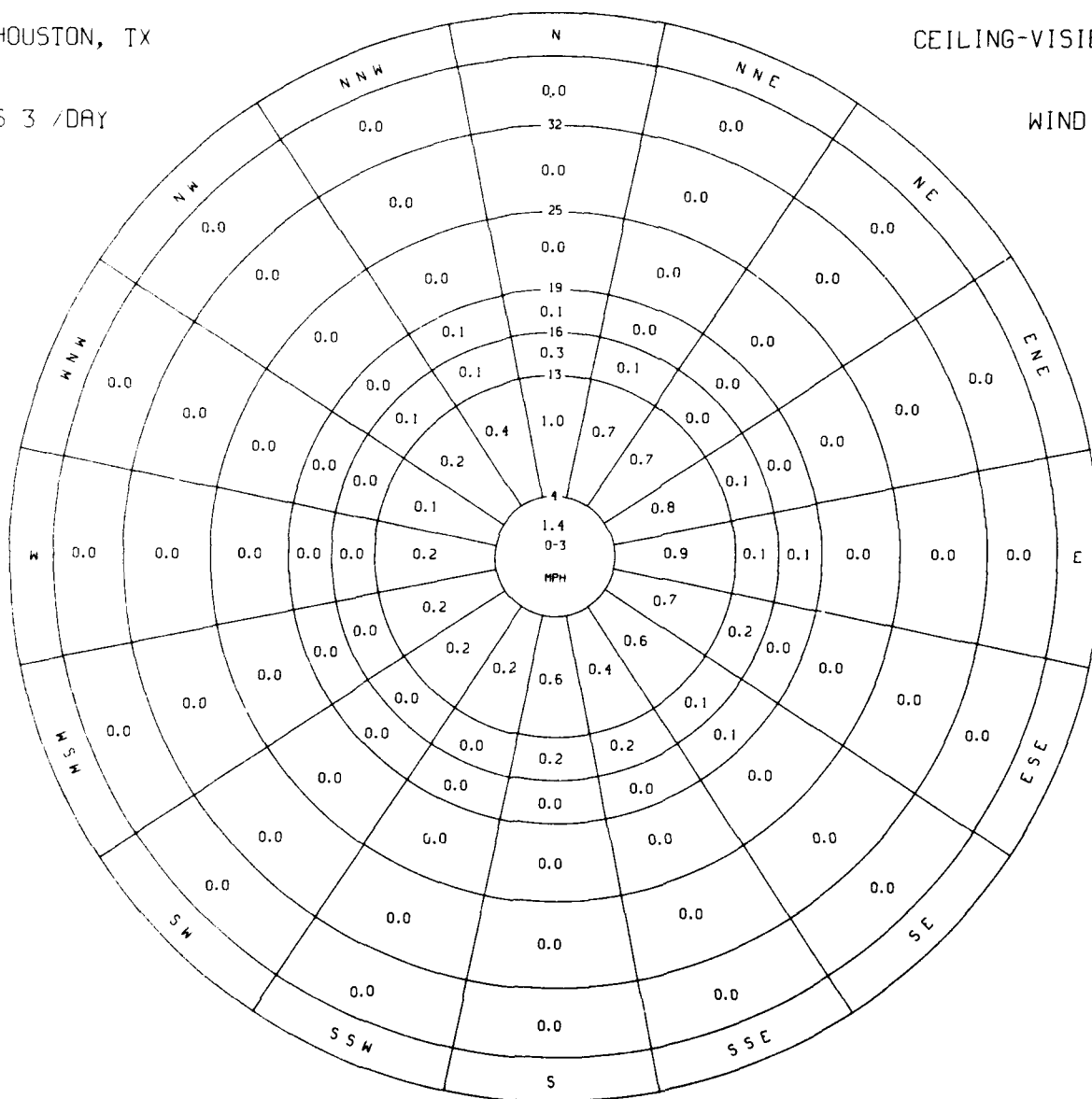
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.9	1.6	8.4	.2	1.0	.1	.4	.0	.0	.0	.0	.0	.0	2.0	10.8	8.8
NNE	.2	.9	.8	4.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.0	5.3	7.0
NE	.2	1.0	.8	4.2	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.1	5.7	7.0
ENE	.2	1.2	.7	3.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.0	5.4	6.6
E	.2	1.1	1.6	8.2	.2	1.0	.0	.2	.0	.1	.0	.0	.0	.0	2.0	10.7	8.0
ESE	.1	.5	1.2	6.6	.1	.8	.1	.3	.0	.1	.0	.0	.0	.0	1.6	8.2	8.8
SE	.0	.2	1.3	6.7	.3	1.6	.1	.4	.0	.0	.0	.0	.0	.0	1.7	8.9	9.2
SSE	.1	.4	1.3	6.9	.3	1.5	.2	.9	.0	.0	.0	.0	.0	.0	1.9	9.8	9.8
S	.1	.5	1.4	7.4	.4	2.0	.1	.5	.0	.1	.0	.0	.0	.0	2.0	10.6	9.8
SSW	.0	.2	.4	1.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.5	2.6	9.1
SW	.1	.4	.3	1.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5	2.5	7.6
WSW	.1	.3	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.5	6.4
W	.0	.2	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.2	6.9
WNW	.0	.1	.3	1.4	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.3	1.8	9.0
NW	.1	.3	.4	2.0	.1	.3	.1	.3	.0	.0	.0	.0	.0	.0	.6	3.0	9.0
NNW	.1	.5	.7	3.9	.1	.7	.1	.4	.0	.1	.0	.0	.0	.0	1.0	5.5	9.2
CALM	1.2	6.6													1.2	6.6	
TOTAL	2.9	15.4	13.2	69.5	1.9	10.0	.8	4.0	.2	.8	.0	.2	.0	.0	18.9	100	8.0

IAH HOUSTON, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 3 / DAY

STATION NUMBER: 12960

NO. OBS.: 1685

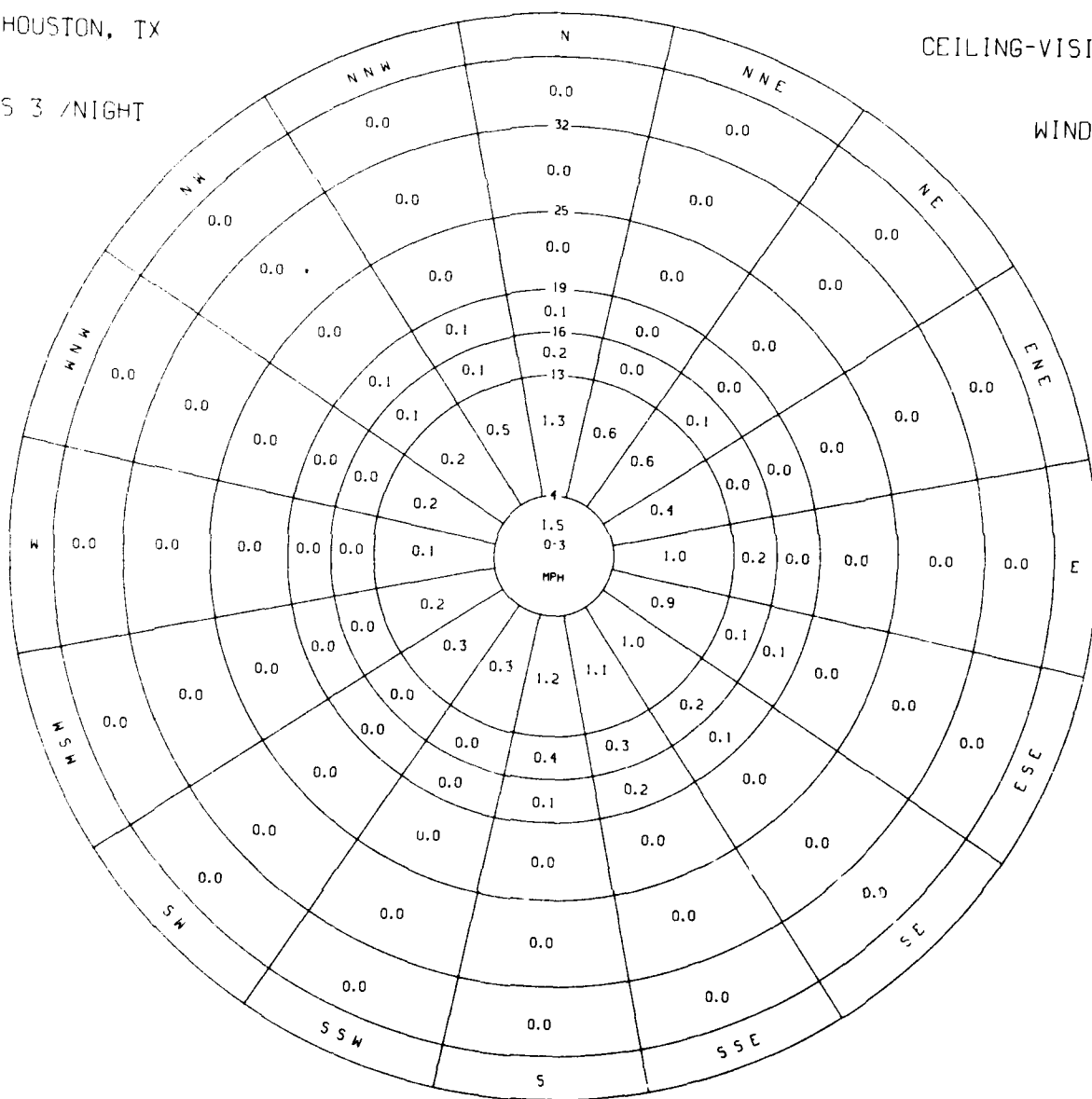
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	1.1	1.0	8.8	.3	2.2	.1	.6	.0	.1	.0	.0	.0	.0	1.5	12.8	9.4
NNE	.1	.9	.7	6.3	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.9	7.9	7.8
NE	.2	1.5	.7	5.7	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.9	8.1	7.3
ENE	.1	.7	.8	6.9	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	1.0	8.5	8.2
E	.1	.5	.9	7.5	.1	1.2	.1	.6	.0	.2	.0	.0	.0	.0	1.2	10.1	9.6
ESE	.0	.1	.7	5.9	.2	2.0	.0	.3	.0	.1	.0	.0	.0	.0	1.0	8.3	10.2
SE	.0	.2	.6	5.1	.1	1.1	.1	.5	.0	.2	.0	.0	.0	.0	.8	7.1	10.0
SSE	.0	.3	.4	3.6	.2	1.4	.0	.4	.0	.1	.0	.0	.0	.0	.7	5.9	10.3
S	.1	.5	.6	4.9	.2	1.6	.0	.4	.0	.2	.0	.0	.0	.0	.9	7.7	10.0
SSW	.0	.4	.2	1.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.3	8.7
SW	.1	.5	.2	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.3	8.3
WSW	.0	.2	.2	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	7.4
W	.0	.3	.2	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	8.3
WNW	.0	.2	.1	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.5	7.5
NW	.0	.2	.2	2.0	.1	.5	.0	.3	.0	.2	.0	.0	.0	.0	.4	3.2	10.1
NNW	.0	.2	.4	3.7	.1	.8	.1	1.2	.0	.1	.0	.0	.0	.0	.7	5.9	10.9
CALM	.5	4.7													.5	4.7	
TOTAL	1.4	12.4	7.8	67.3	1.6	13.6	.6	5.1	.2	1.5	.0	.0	.0	.0	11.6	100	8.7

IAH HOUSTON, TX

CLASS 3 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 3 / NIGHT

STATION NUMBER: 12960

NO. OBS.: 1666

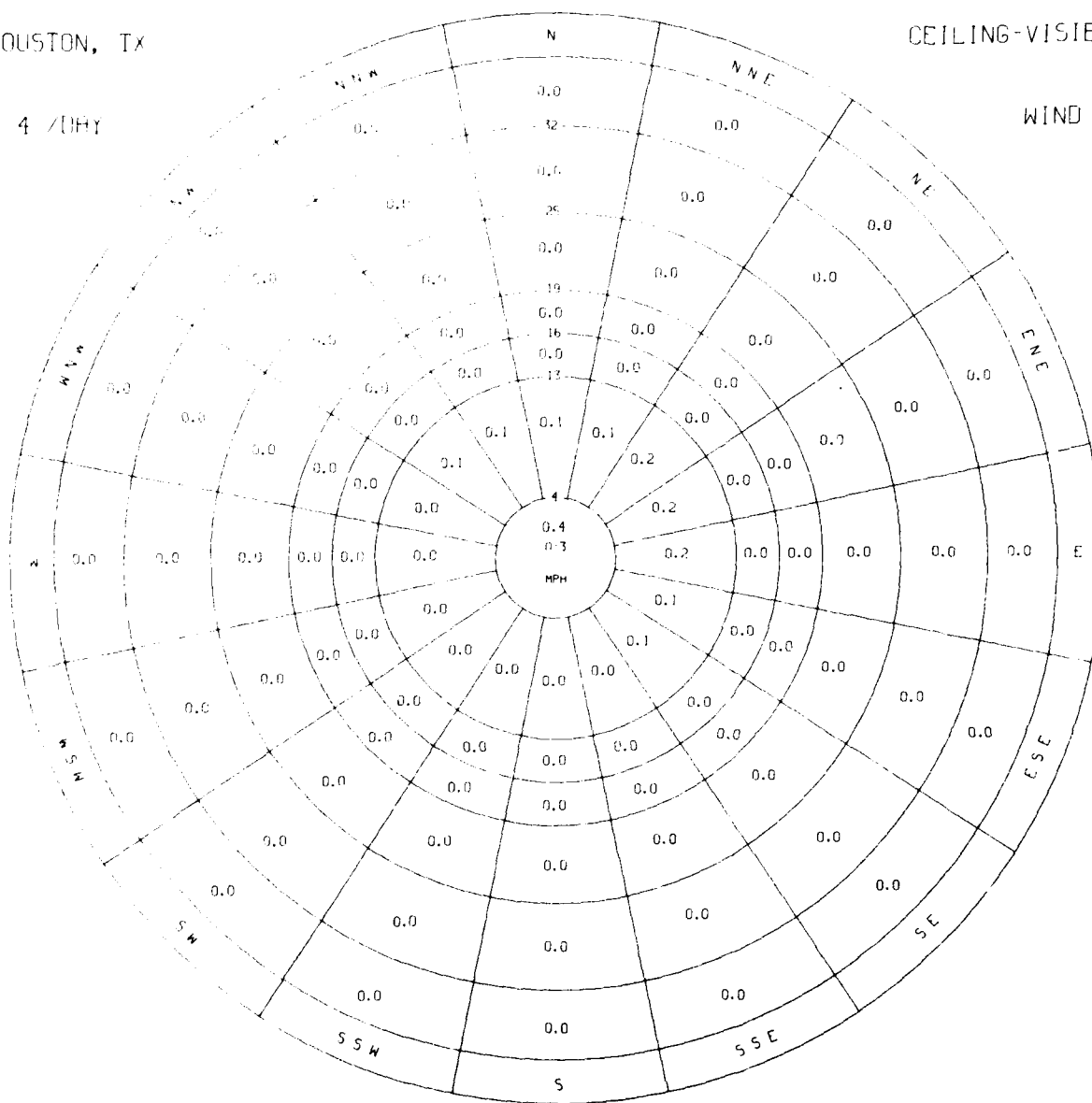
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.8	1.3	8.9	.2	1.1	.1	.6	.0	.1	.0	.1	.0	.0	1.6	11.5	9.1
NNE	.1	.5	.6	4.5	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.8	5.5	7.8
NE	.1	.8	.6	4.5	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	.8	5.9	7.5
ENE	.1	.8	.4	2.9	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.6	4.1	7.6
E	.1	.5	1.0	7.1	.2	1.2	.0	.2	.0	.1	.0	.1	.0	.0	1.3	9.2	8.9
ESE	.1	.4	.9	6.5	.1	.7	.1	.4	.0	.1	.0	.0	.0	.0	1.1	8.0	9.3
SE	.0	.1	1.0	6.9	.2	1.7	.1	.4	.0	.1	.0	.0	.0	.0	1.3	9.2	9.7
SSE	.1	.4	1.1	7.9	.3	2.0	.2	1.3	.0	.1	.0	.0	.0	.0	1.6	11.6	10.3
S	.1	.5	1.2	8.8	.4	2.6	.1	.7	.0	.2	.0	.0	.0	.0	1.8	12.8	10.1
SSW	.0	.2	.3	2.4	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.1	9.4
SW	.1	.4	.3	2.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	2.6	7.7
WSW	.0	.2	.2	1.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.5	6.7
W	.0	.1	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	7.6
WNW	.0	.1	.2	1.1	.0	.1	.0	.0	.0	.2	.0	.1	.0	.0	.2	1.6	10.6
NW	.0	.2	.2	1.7	.1	.4	.1	.4	.0	.0	.0	.1	.0	.0	.4	2.8	9.8
NNW	.0	.3	.5	3.7	.1	.8	.1	.5	.0	.1	.0	.0	.0	.0	.8	5.4	10.1
CALM	.6	4.0													.6	4.0	
TOTAL	1.5	10.6	10.0	70.9	1.7	11.9	.7	5.3	.1	1.0	.0	.3	.0	.0	14.2	100	8.9

IAH HOUSTON, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 4 / DAY

STATION NUMBER: 12960

NO. OBS.: 237

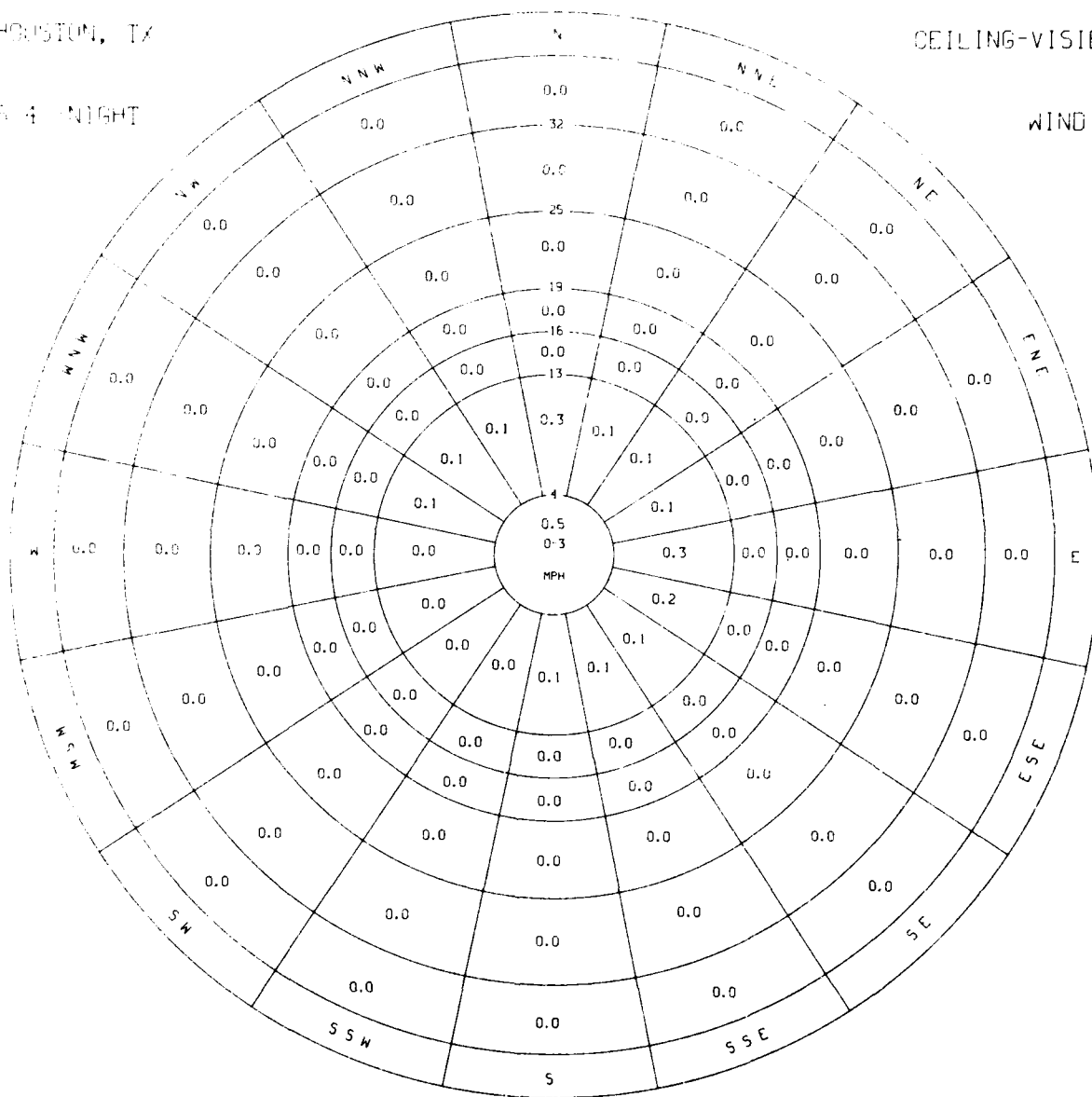
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.7	.1	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.3	5.8
NNE	.0	2.5	.1	5.9	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.2	9.3	7.0
NE	.0	2.1	.2	11.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	13.1	5.6
ENE	.0	1.7	.2	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.4	6.3
E	.0	.8	.2	10.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.0	7.7
ESE	.0	.4	.1	6.8	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.1	8.0	8.9
SE	.0	.8	.1	4.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	6.9
SSE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.8
S	.0	.8	.0	2.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	7.5
SSW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.2
SW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	9.0
WSW	.0	.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.6
W	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.0
WNW	.0	.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.0
NW	.0	.0	.1	3.4	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.1	4.2	9.5
NNW	.0	.8	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	7.4
CALM	.1	8.9													.1	8.9	
TOTAL	.4	22.8	1.2	73.8	.0	2.1	.0	.0	.0	1.3	.0	.0	.0	.0	1.6	100	6.3

IAH HOUSTON, TX

CLASS 4 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 4 / NIGHT

STATION NUMBER: 12960

NO. OBS.: 272

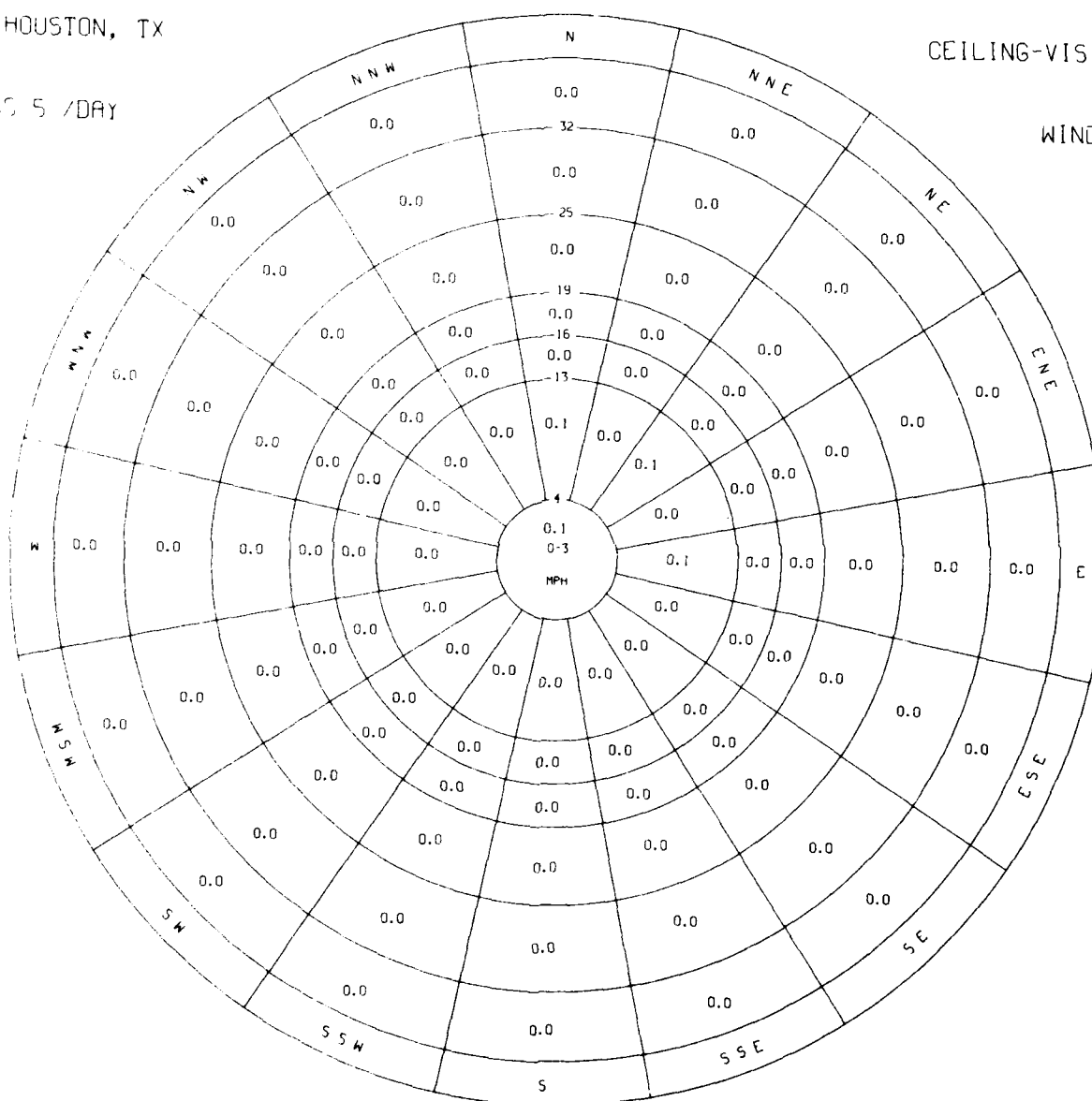
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.7	.3	11.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.3	13.2	8.0
NNE	.0	1.8	.1	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	4.9
NE	.0	.4	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	6.1
ENE	.0	1.8	.1	5.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.1	6.0
E	.1	2.9	.3	11.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.3	15.1	6.7
ESE	.0	1.1	.2	6.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.6	8.4
SE	.0	.0	.1	4.8	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.2	6.6	8.9
SSE	.0	.4	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	6.3
S	.0	.7	.1	2.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0	7.7
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.4	.0	1.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	2.6	7.7
WSW	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.8
W	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.0
WNW	.0	.4	.1	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	6.1
NW	.0	1.1	.1	2.9	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.1	4.4	7.4
NNW	.0	1.5	.1	5.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.1	7.4
CALM	.2	9.2													.2	9.2	
TOTAL	.5	23.5	1.6	68.0	.2	7.4	.0	.7	.0	.4	.0	.0	.0	.0	2.3	100	6.4

IAH HOUSTON, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS F / DAY

STATION NUMBER: 12960

NO. OBS.: 63

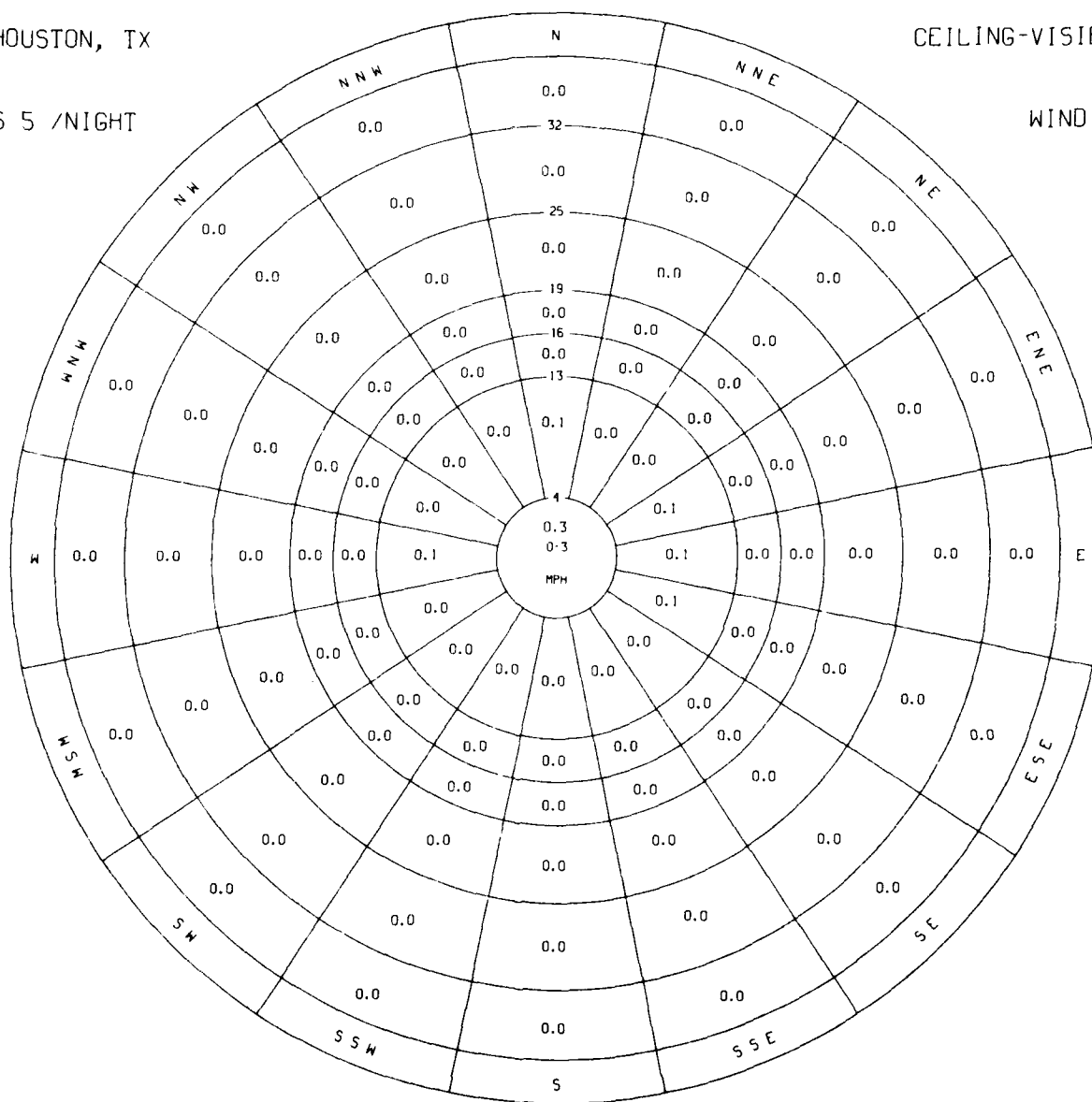
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	.0	.1	12.7	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.1	14.3	7.1
NNE	.0	3.2	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	4.0
NE	.0	1.6	.1	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	15.9	5.7
ENE	.0	1.6	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.0
E	.0	.0	.1	19.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	19.0	7.3
ESE	.0	1.6	.0	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	5.5
SE	.0	3.2	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	5.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.5
SSW	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.0
WNW	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	8.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	9.0
CALM	.0	4.8														.0	4.8	
TOTAL	.1	17.5	.4	81.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.4	100	5.9

IAH HOUSTON, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 5 / NIGHT

STATION NUMBER: 12960

NO. OBS.: 110

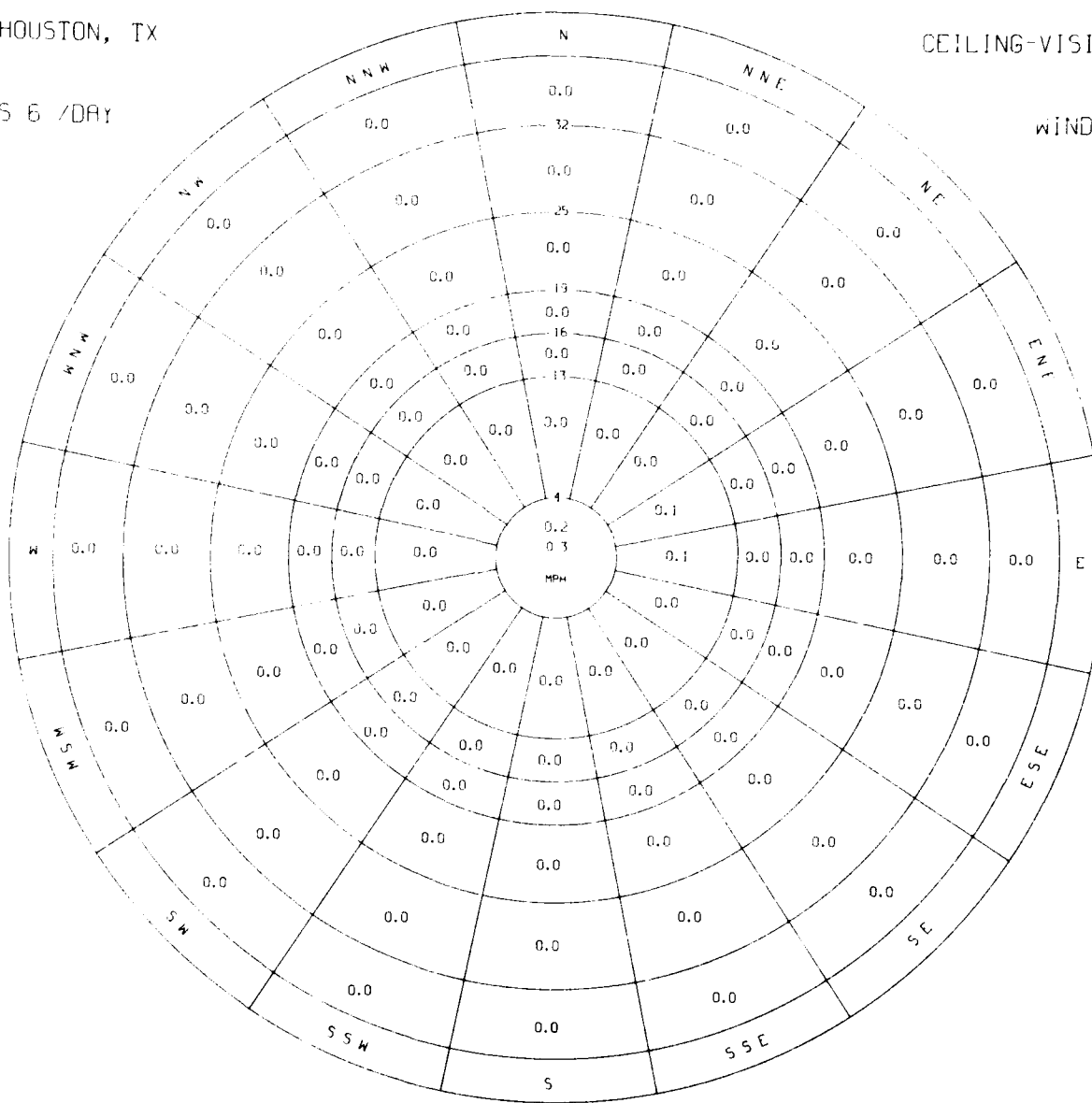
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.1	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	6.9
NNE	.0	4.5	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	3.9
NE	.0	3.6	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	4.1
ENE	.0	.9	.1	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.0	5.6
E	.0	.9	.1	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.7	7.3
ESE	.0	.0	.1	8.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.2	7.1
SE	.0	.9	.0	3.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	9.3
SSE	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.0
S	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.7
SSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	12.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.5
W	.0	.0	.1	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	7.5
WNW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.0
NW	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.0
NNW	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.6
CALM	.1	15.5													.1	15.5	
TOTAL	.3	27.3	.7	70.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.9	100	5.5

IAH HOUSTON, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 6 / DAY

STATION NUMBER: 12960

NO. OBS.: 87

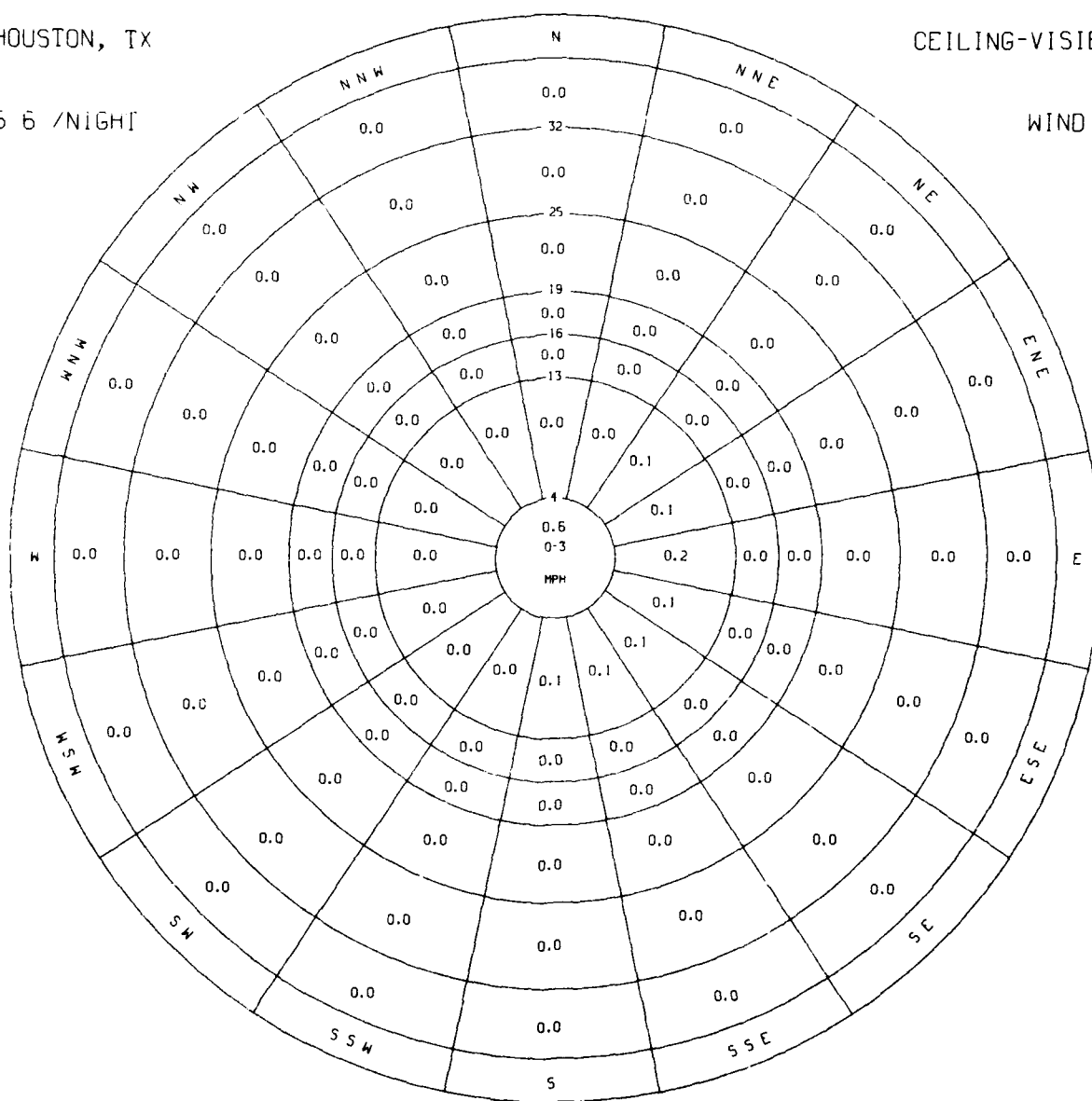
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	4.6	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.3	4.8
NNE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.5
NE	.0	2.3	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	4.5
ENE	.0	1.1	.1	11.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.6	5.7
E	.0	3.4	.1	19.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23.0	5.8
ESE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.0
SE	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.0
SSE	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.0
S	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.3
SSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
SW	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.0
WSW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
W	.0	1.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.7
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	2.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	9.3
NNW	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.7
ALL	.1	13.8													.1	13.8	
TOTAL	.2	33.3	.4	65.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	100	4.7

IAH HOUSTON, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IAH HOUSTON, TX

PERIOD: 1970-1978

CLASS 6 / NIGHT

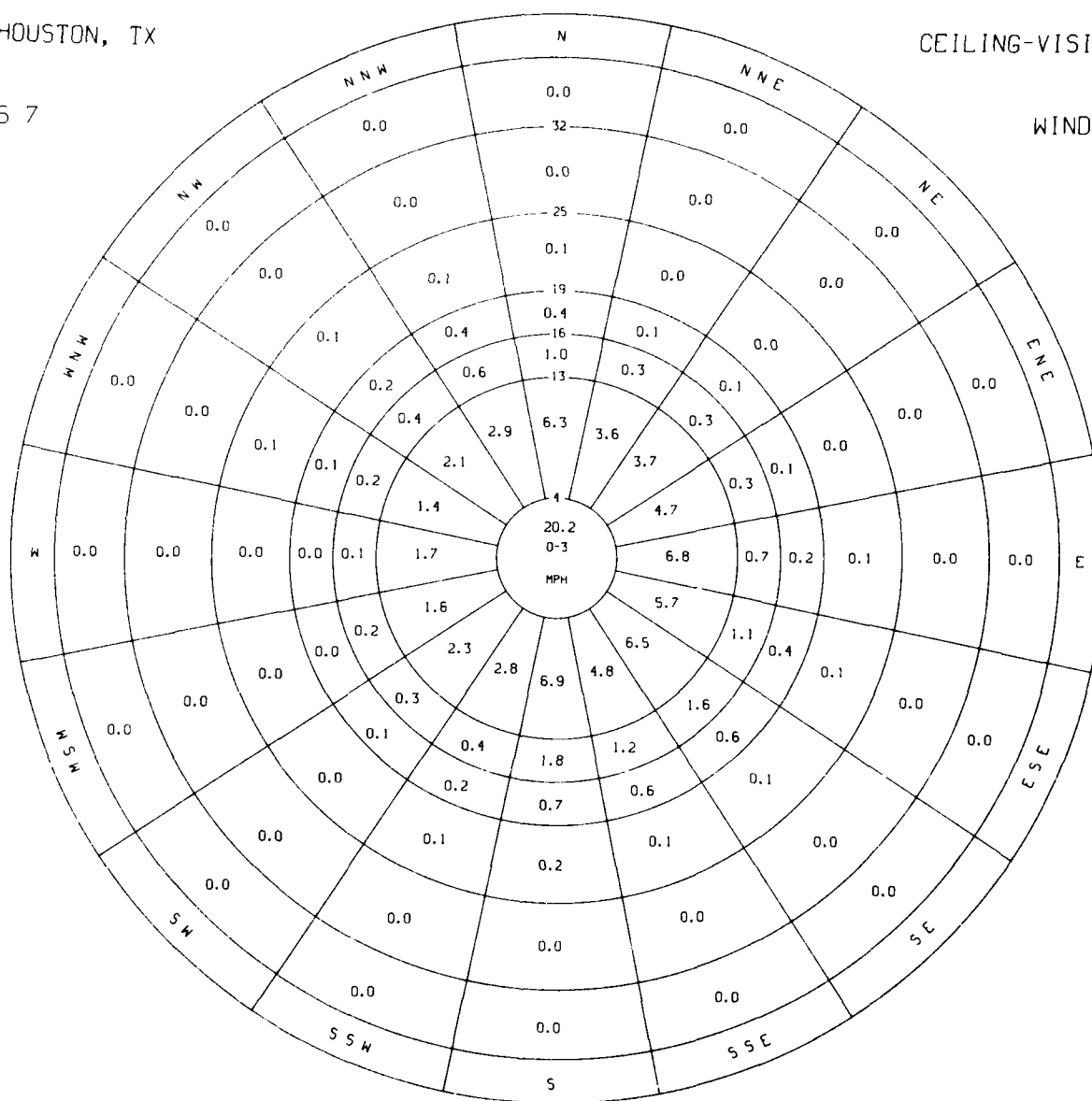
STATION NUMBER: 12960

NO. OBS.: 179

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.7	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.4
NNE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
NE	.0	2.2	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	4.7
ENE	.1	3.9	.1	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.2	4.5
E	.1	3.9	.2	11.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	16.2	5.5
ESE	.0	1.1	.1	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.8	6.0
SE	.0	1.1	.1	9.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	10.6	6.3
SSE	.0	.6	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	5.8
S	.0	.6	.1	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	5.3
SSW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.5
SW	.0	.6	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.2
WSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
W	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
WNW	.0	.6	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
NW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
NNW	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	4.5
CALM	.3	20.7													.3	20.7	
TOTAL	.6	40.8	.9	58.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	100	4.2

CLASS 7

WIND GRAPH

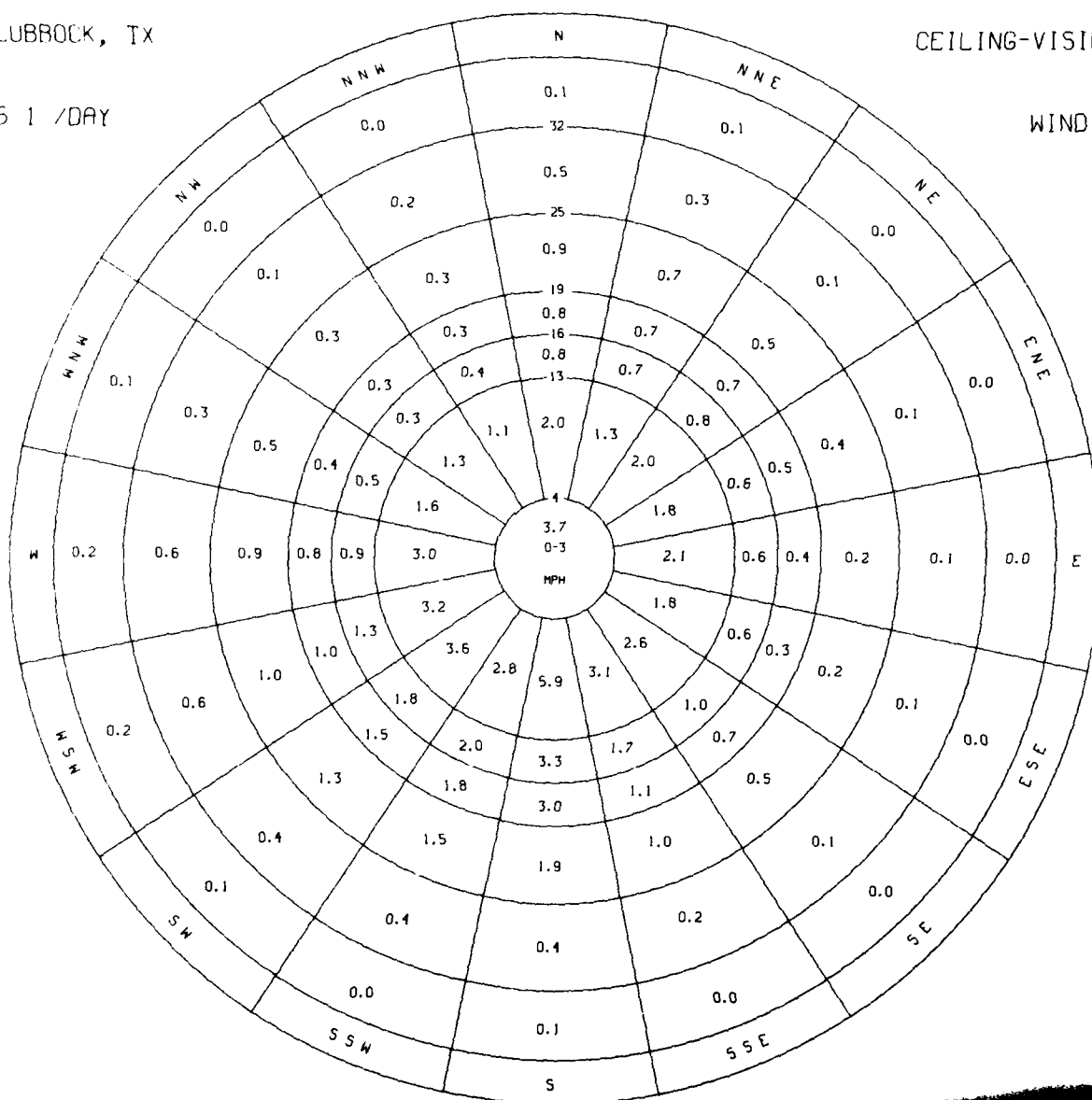


LBB LUBROCK, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



PRECEDING PAGE BLANK-NOT FILMED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 23042

NO. OBS.: 44313

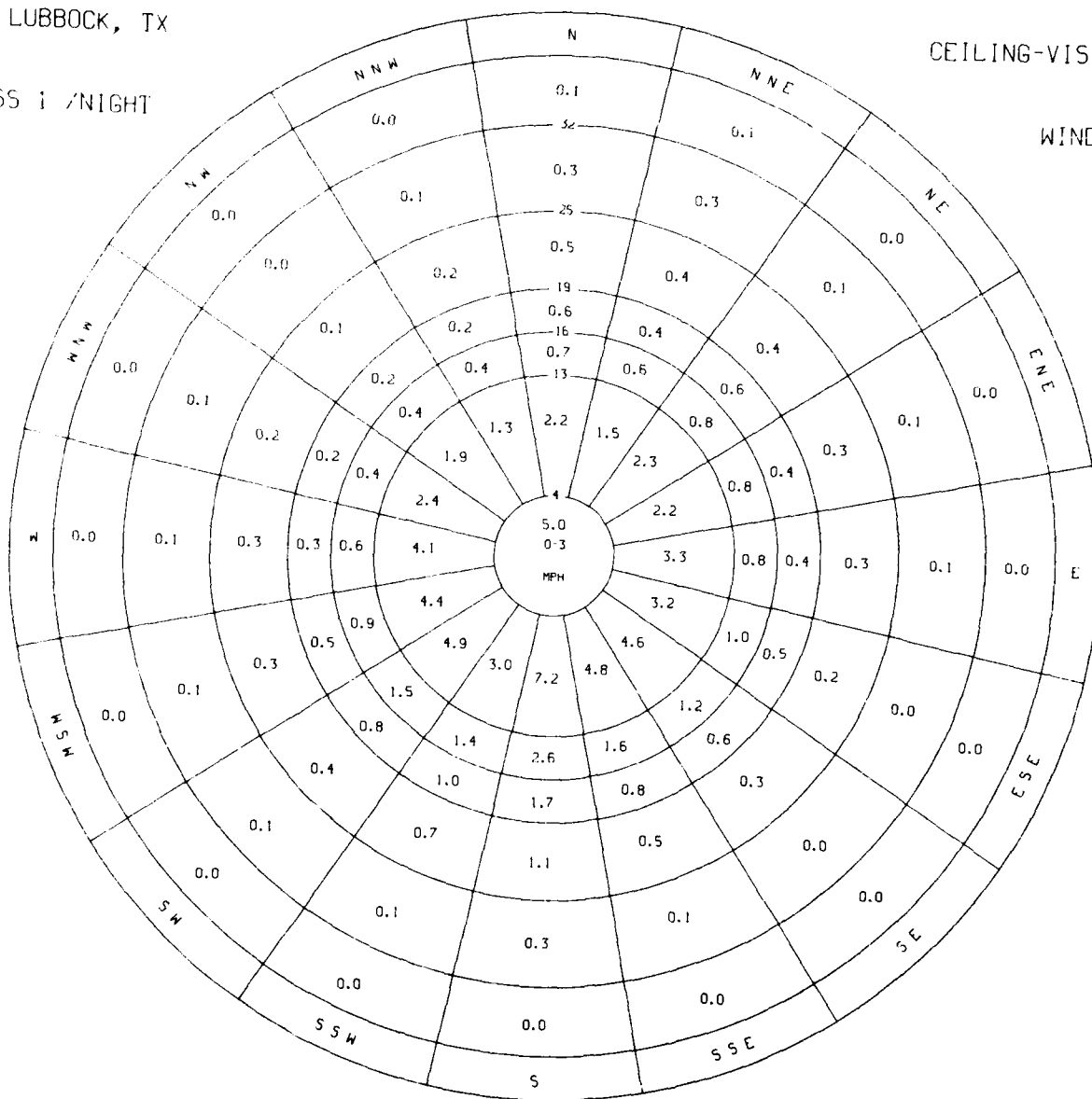
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.1	2.0	2.1	.8	.9	.8	.9	.9	1.0	.5	.6	.1	.1	5.2	5.7	15.4
NNE	.1	.1	1.3	1.4	.7	.7	.7	.7	.7	.8	.3	.4	.1	.1	3.8	4.1	15.5
NE	.1	.1	2.0	2.1	.8	.9	.7	.8	.5	.5	.1	.2	.0	.0	4.3	4.6	13.3
ENE	.0	.1	1.8	1.9	.6	.7	.5	.5	.4	.4	.1	.1	.0	.0	3.4	3.7	12.8
E	.1	.1	2.1	2.3	.6	.7	.4	.5	.2	.3	.1	.1	.0	.0	3.6	3.9	11.5
ESE	.1	.1	1.8	1.9	.6	.6	.3	.4	.2	.2	.1	.1	.0	.0	3.0	3.3	11.8
SE	.1	.1	2.6	2.8	1.0	1.1	.7	.8	.5	.5	.1	.1	.0	.0	4.9	5.4	12.4
SSE	.1	.1	3.1	3.4	1.7	1.8	1.1	1.2	1.0	1.1	.2	.3	.0	.0	7.2	7.8	13.7
S	.1	.2	5.9	6.5	3.3	3.6	3.0	3.2	1.9	2.1	.4	.5	.1	.1	14.7	16.0	13.9
SSW	.1	.1	2.8	3.1	2.0	2.2	1.8	1.9	1.5	1.7	.4	.4	.0	.0	8.6	9.4	14.9
SW	.1	.1	3.6	3.9	1.8	2.0	1.5	1.6	1.3	1.4	.4	.4	.1	.1	8.7	9.5	14.0
WSW	.1	.1	3.2	3.4	1.3	1.4	1.0	1.1	1.0	1.1	.6	.6	.2	.2	7.3	8.0	14.6
W	.1	.1	3.0	3.3	.9	1.0	.8	.9	.9	1.0	.6	.7	.2	.2	6.6	7.2	14.5
WNW	.1	.1	1.6	1.7	.5	.5	.4	.4	.5	.5	.3	.3	.1	.1	3.3	3.6	14.0
NW	.1	.1	1.3	1.4	.3	.4	.3	.3	.3	.3	.1	.1	.0	.0	2.4	2.7	12.4
NNW	.1	.1	1.1	1.2	.4	.4	.3	.3	.3	.3	.2	.2	.0	.0	2.3	2.5	13.8
CALM	2.2	2.4													2.2	2.4	
TOTAL	3.7	4.0	38.9	42.5	17.2	18.8	14.3	15.6	11.9	13.0	4.5	4.9	.9	1.0	91.5	100	13.6

LBB LUBBOCK, TX

CLASS 1 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 23042

NO. OBS.: 35831

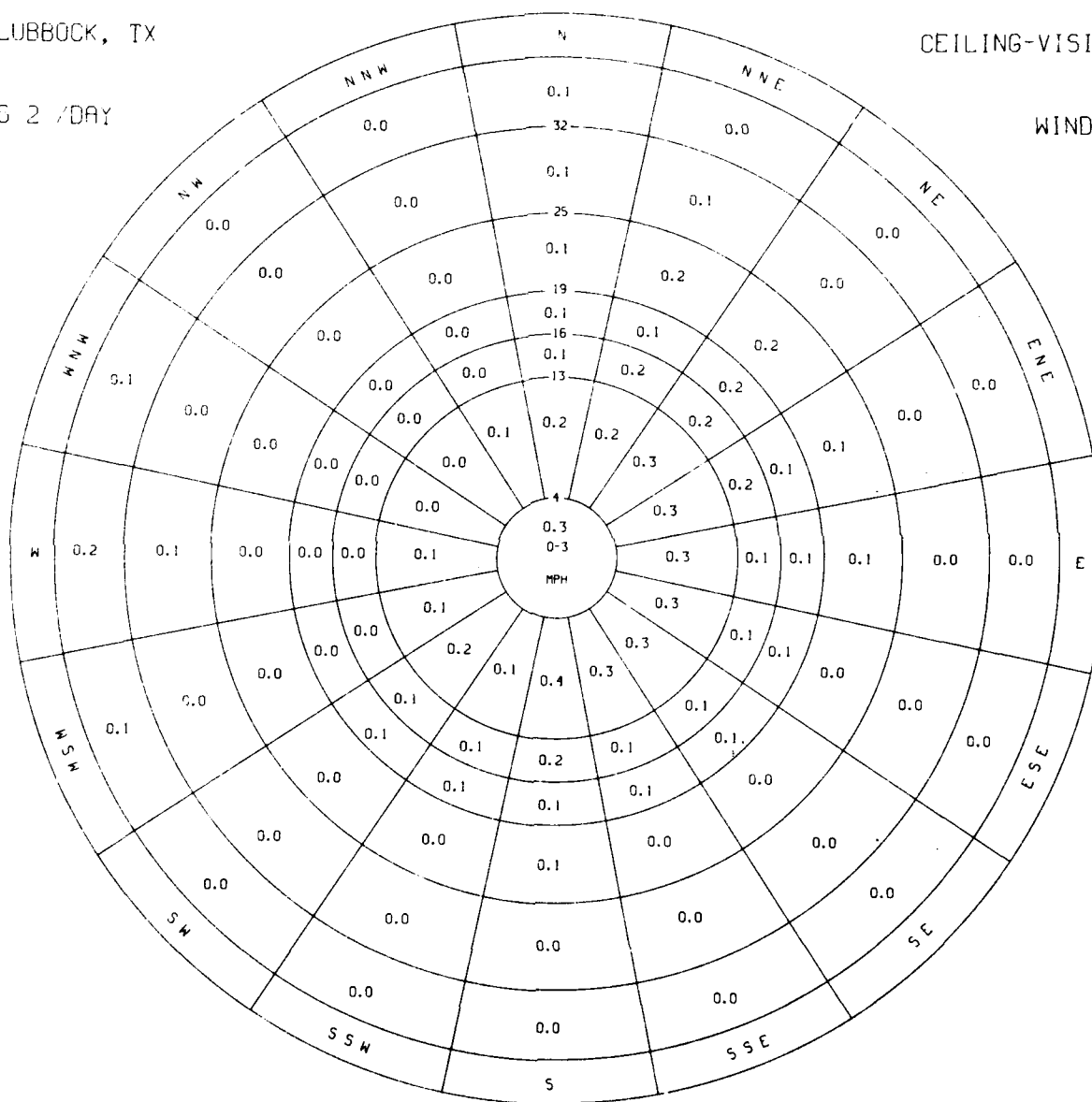
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.1	2.2	2.4	.7	.8	.6	.6	.5	.5	.3	.3	.1	.1	4.5	4.9	13.5
NNE	.0	.0	1.5	1.6	.6	.6	.4	.5	.4	.5	.3	.3	.1	.1	3.3	3.6	14.3
NE	.1	.1	2.3	2.5	.8	.9	.6	.6	.4	.5	.1	.1	.0	.0	4.3	4.7	12.5
ENE	.1	.1	2.2	2.4	.8	.8	.4	.5	.3	.3	.1	.1	.0	.0	3.9	4.2	12.0
E	.1	.1	3.3	3.6	.8	.9	.4	.4	.3	.3	.1	.1	.0	.0	4.9	5.4	10.8
ESE	.1	.1	3.2	3.5	1.0	1.1	.5	.5	.2	.2	.0	.0	.0	.0	4.9	5.4	10.9
SE	.1	.2	4.6	5.0	1.2	1.3	.6	.6	.3	.3	.0	.0	.0	.0	6.8	7.4	10.8
SSE	.1	.1	4.8	5.2	1.6	1.8	.8	.9	.5	.6	.1	.1	.0	.0	8.0	8.8	11.8
S	.2	.2	7.2	7.9	2.6	2.8	1.7	1.8	1.1	1.2	.3	.3	.0	.0	13.0	14.3	12.3
SSW	.1	.1	3.0	3.2	1.4	1.5	1.0	1.1	.7	.8	.1	.1	.0	.0	6.3	6.9	12.9
SW	.2	.2	4.9	5.4	1.5	1.7	.8	.8	.4	.4	.1	.1	.0	.0	7.8	8.5	11.2
WSW	.2	.2	4.4	4.8	.9	1.0	.5	.5	.3	.3	.1	.1	.0	.0	6.4	7.0	10.5
W	.2	.2	4.1	4.4	.6	.6	.3	.4	.3	.3	.1	.1	.0	.0	5.7	6.2	10.3
WNW	.1	.1	2.4	2.6	.4	.4	.2	.2	.2	.2	.1	.1	.0	.0	3.4	3.7	10.6
NW	.1	.1	1.9	2.1	.4	.4	.2	.2	.1	.1	.0	.1	.0	.0	2.8	3.1	10.3
NNW	.1	.1	1.3	1.4	.4	.4	.2	.3	.2	.2	.1	.1	.0	.0	2.3	2.6	12.5
CALM	3.0	3.3													3.0	3.3	
TOTAL	5.0	5.4	53.2	58.2	15.5	17.0	9.1	10.0	6.1	6.7	2.0	2.2	.4	.4	91.3	100	11.3

LBB LUBBOCK, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 23042

NO. OBS.: 4103

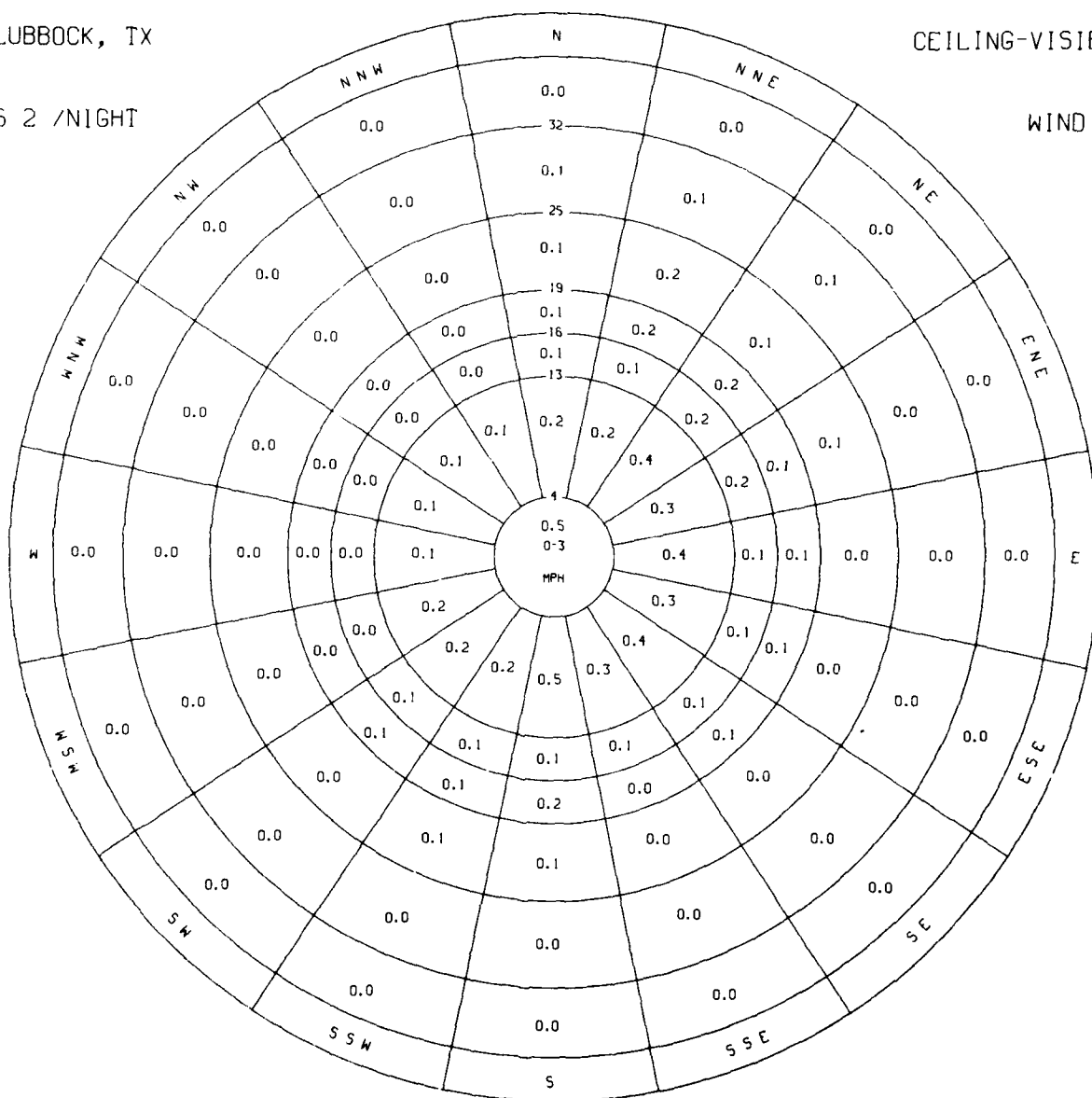
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.1	.2	2.7	.1	1.0	.1	1.4	.1	1.7	.1	1.1	.1	.7	.7	8.6	17.8
NNE	.0	.0	.2	2.4	.2	1.9	.1	1.7	.2	2.2	.1	1.2	.0	.2	.8	9.7	17.3
NE	.0	.2	.3	3.8	.2	2.3	.2	2.3	.2	1.8	.0	.4	.0	.0	.9	10.7	14.7
ENE	.0	.1	.3	4.0	.2	1.8	.1	1.1	.1	.8	.0	.4	.0	.0	.7	8.3	13.1
E	.0	.0	.3	3.9	.1	1.3	.1	.8	.1	.6	.0	.1	.0	.0	.6	6.9	12.4
ESE	.0	.0	.3	3.6	.1	1.5	.1	.9	.0	.5	.0	.1	.0	.0	.6	6.6	12.3
SE	.0	.1	.3	4.1	.1	1.6	.1	.8	.0	.5	.0	.1	.0	.0	.6	7.2	11.7
SSE	.0	.2	.3	4.0	.1	1.4	.1	.9	.0	.5	.0	.3	.0	.1	.6	7.3	12.8
S	.0	.2	.4	4.9	.2	2.5	.1	1.7	.1	1.0	.0	.4	.0	.1	.9	10.7	13.3
SSW	.0	.0	.1	1.6	.1	1.0	.1	.8	.0	.5	.0	.2	.0	.1	.4	4.3	14.6
SW	.0	.1	.2	1.9	.1	1.2	.1	.7	.0	.2	.0	.3	.0	.4	.4	4.9	15.0
WSW	.0	.0	.1	.9	.0	.4	.0	.3	.0	.1	.0	.4	.1	1.2	.3	3.3	23.8
W	.0	.1	.1	.8	.0	.1	.0	.1	.0	.1	.1	.6	.2	2.0	.3	4.0	27.6
WNW	.0	.0	.0	.6	.0	.1	.0	.1	.0	.0	.0	.4	.1	.6	.1	1.7	24.0
NW	.0	.0	.0	.5	.0	.2	.0	.1	.0	.1	.0	.1	.0	.2	.1	1.3	18.2
NNW	.0	.0	.1	.7	.0	.2	.0	.3	.0	.4	.0	.2	.0	.2	.2	1.9	18.1
CALM	.2	2.6													.2	2.6	
TOTAL	.3	4.0	3.4	40.3	1.6	18.5	1.2	13.8	.9	11.1	.5	6.3	.5	6.0	8.5	100	15.0

LBB LUBBOCK, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23042

NO. OBS.: 3399

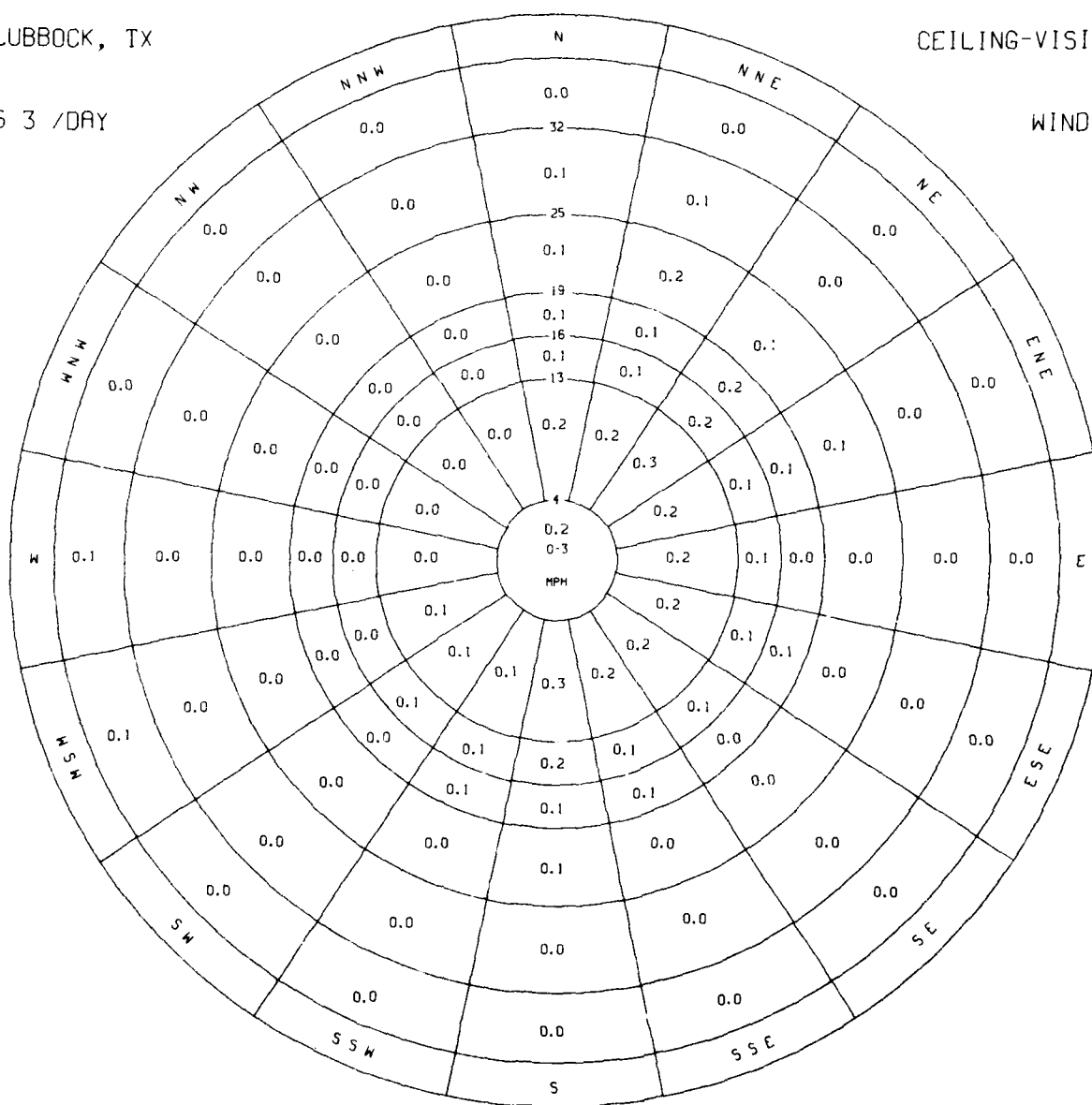
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.2	2.5	.1	1.2	.1	1.5	.1	1.6	.1	1.3	.0	.4	.7	8.5	17.3
NNE	.0	.1	.2	2.7	.1	1.4	.2	2.0	.2	2.0	.1	.9	.0	.3	.8	9.5	16.8
NE	.0	.1	.4	4.4	.2	2.2	.2	2.1	.1	1.7	.1	.6	.0	.1	1.0	11.3	14.6
ENE	.0	.2	.3	3.8	.2	1.9	.1	1.2	.1	.9	.0	.3	.0	.0	.7	8.3	13.1
E	.0	.3	.4	4.8	.1	1.3	.1	.7	.0	.6	.0	.2	.0	.0	.7	7.8	11.5
ESE	.0	.1	.3	4.0	.1	1.2	.1	.6	.0	.4	.0	.0	.0	.0	.6	6.4	11.2
SE	.0	.1	.4	4.7	.1	1.3	.1	1.0	.0	.6	.0	.1	.0	.0	.7	7.7	11.8
SSE	.0	.1	.3	3.8	.1	1.3	.0	.6	.0	.3	.0	.0	.0	.0	.5	6.1	11.6
S	.0	.3	.5	6.3	.1	1.6	.2	1.8	.1	1.0	.0	.3	.0	.0	1.0	11.2	12.2
SSW	.0	.1	.2	2.4	.1	1.0	.1	1.0	.1	.8	.0	.2	.0	.0	.5	5.4	13.7
SW	.0	.1	.2	2.4	.1	1.2	.1	1.0	.0	.3	.0	.0	.0	.0	.4	5.0	12.1
WSW	.0	.1	.2	1.7	.0	.4	.0	.1	.0	.1	.0	.0	.0	.1	.2	2.5	10.7
W	.0	.3	.1	1.1	.0	.2	.0	.1	.0	.1	.0	.1	.0	.3	.2	2.2	13.1
WNW	.0	.1	.1	.6	.0	.2	.0	.0	.0	.1	.0	.0	.0	.2	.1	1.3	13.8
NW	.0	.1	.1	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	1.3	12.5
NNW	.0	.0	.1	.7	.0	.4	.0	.1	.0	.3	.0	.3	.0	.1	.2	1.9	17.1
CALM	.3	3.6													.3	3.6	
TOTAL	.5	5.6	4.1	46.8	1.5	16.9	1.2	13.9	.9	10.8	.4	4.4	.1	1.6	8.7	100	13.0

LBB LUBBOCK, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-

CLASS 3 / DAY

STATION NUMBER: 23042

NO. OBS.:

D I R	SPEED GROUPS (MPH)														AVI WIN SPEI		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.2	2.9	.1	1.2	.1	1.6	.1	2.0	.1	1.2	.0	.7	.6	9.7	18.1
NNE	.0	.0	.2	2.4	.1	2.2	.1	2.0	.2	2.7	.1	1.4	.0	.3	.7	11.0	17.1
NE	.0	.2	.3	4.0	.2	2.6	.2	2.4	.1	2.0	.0	.4	.0	.1	.8	11.5	14.1
ENE	.0	.1	.2	3.6	.1	1.6	.1	.9	.1	.9	.0	.4	.0	.0	.5	7.7	13.1
E	.0	.1	.2	3.4	.1	1.2	.0	.7	.0	.6	.0	.1	.0	.1	.4	6.1	12.1
ESE	.0	.0	.2	3.0	.1	1.2	.1	.9	.0	.5	.0	.1	.0	.0	.4	5.8	12.1
SE	.0	.0	.2	3.6	.1	1.6	.0	.8	.0	.5	.0	.1	.0	.0	.4	6.6	11.1
SSE	.0	.1	.2	3.5	.1	1.5	.1	.9	.0	.5	.0	.4	.0	.1	.5	7.1	13.1
S	.0	.2	.3	4.6	.2	2.7	.1	2.0	.1	1.2	.0	.4	.0	.1	.7	11.1	13.1
SSW	.0	.0	.1	1.5	.1	1.1	.1	1.0	.0	.7	.0	.3	.0	.1	.3	4.7	15.1
SW	.0	.1	.1	1.8	.1	1.2	.0	.8	.0	.3	.0	.3	.0	.3	.3	4.8	15.1
WSW	.0	.1	.1	.8	.0	.5	.0	.2	.0	.0	.0	.5	.1	1.1	.2	3.2	22.1
W	.0	.1	.0	.5	.0	.2	.0	.1	.0	.1	.0	.8	.1	1.6	.2	3.4	27.1
WNW	.0	.0	.0	.5	.0	.1	.0	.1	.0	.0	.0	.4	.0	.4	.1	1.6	22.1
NW	.0	.0	.0	.5	.0	.2	.0	.1	.0	.1	.0	.1	.0	.3	.1	1.4	19.1
NNW	.0	.0	.0	.7	.0	.2	.0	.3	.0	.4	.0	.3	.0	.1	.1	2.1	16.1
CALM	.1	2.3													.1	2.3	
TOTAL	.2	3.5	2.4	37.4	1.2	19.1	1.0	14.8	.8	12.7	.5	7.1	.4	5.4	6.5	100	15.1

AD-A104 165

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

JUN 81

DOT-FA79WAI-057

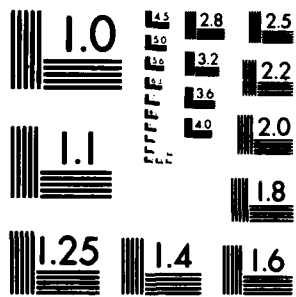
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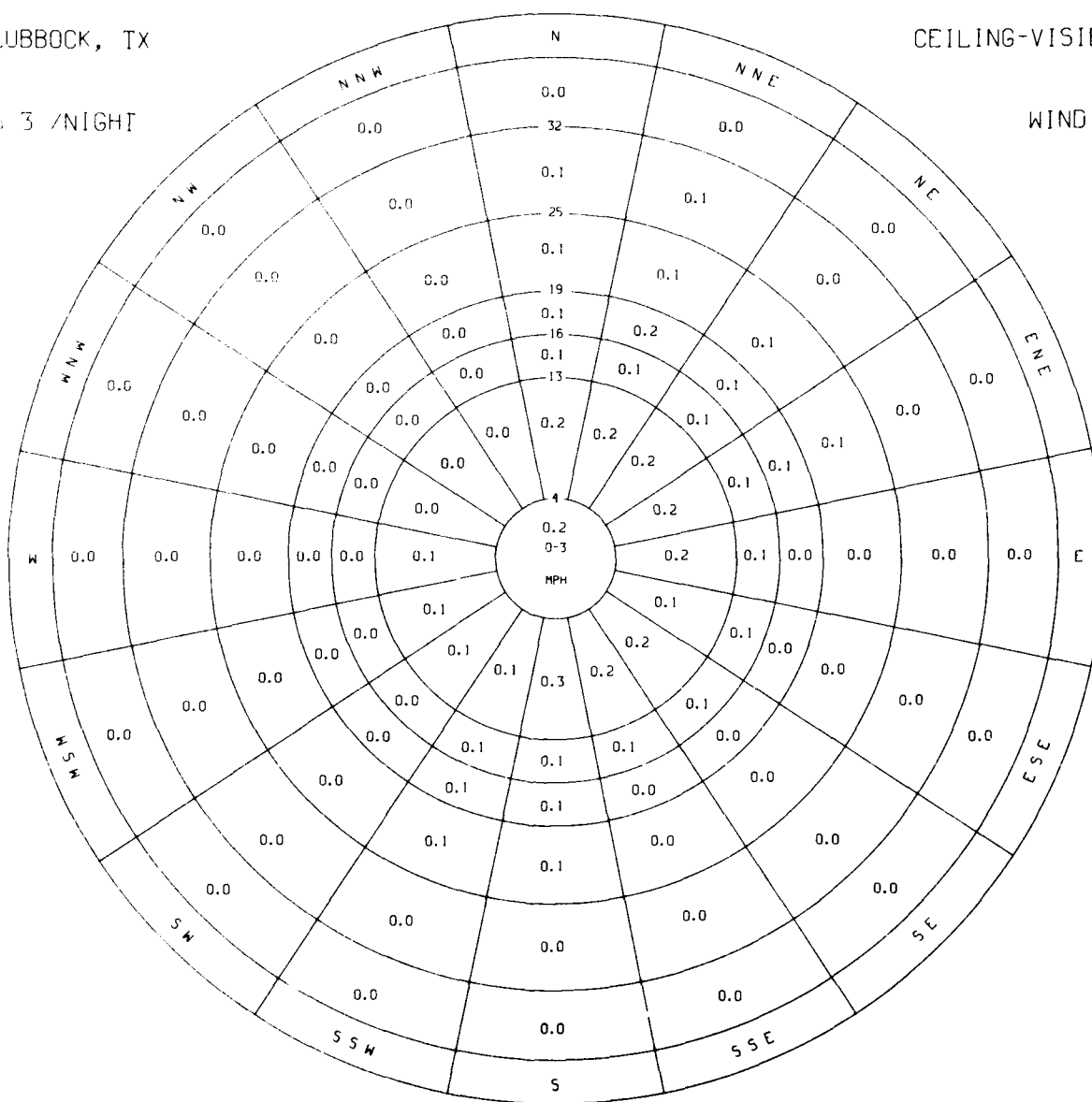
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A.

LBB LUBBOCK, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

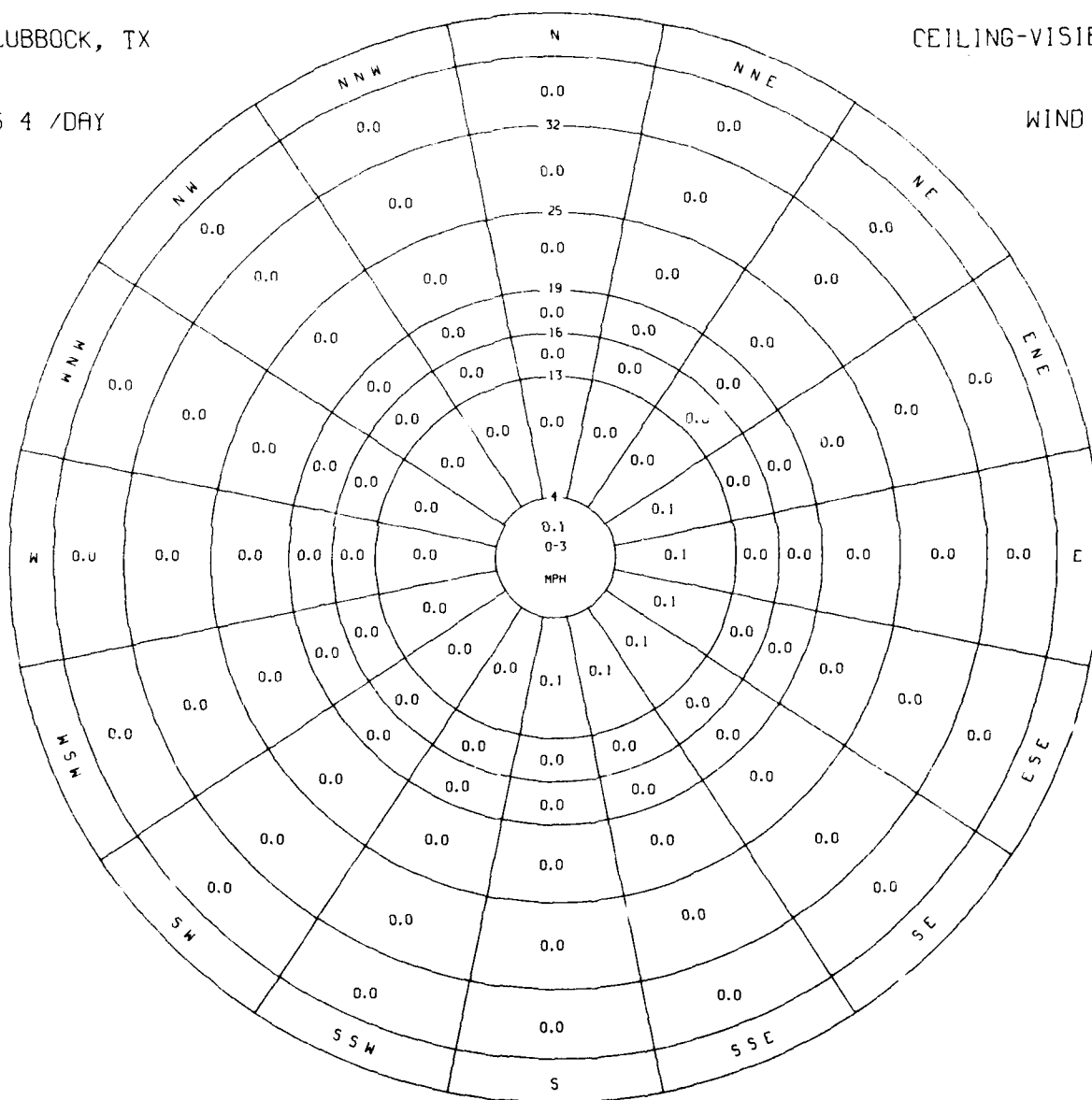
STATION NUMBER: 23042

NO. OBS.: 2126

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.1	.2	2.9	.1	1.5	.1	2.1	.1	2.3	.1	1.8	.0	.4	.6	11.2	17.8
NNE	.0	.1	.2	3.2	.1	1.8	.2	2.8	.1	2.7	.1	1.1	.0	.5	.7	12.3	17.1
NE	.0	.1	.2	4.5	.1	2.5	.1	2.4	.1	2.0	.0	.9	.0	.1	.7	12.5	15.3
ENE	.0	.1	.2	3.4	.1	1.6	.1	1.2	.1	1.1	.0	.2	.0	.0	.4	7.7	13.5
E	.0	.3	.2	3.6	.1	1.4	.0	.9	.0	.7	.0	.1	.0	.0	.4	7.0	12.2
ESE	.0	.1	.1	2.6	.1	1.3	.0	.7	.0	.4	.0	.0	.0	.0	.3	5.2	11.7
SE	.0	.0	.2	3.4	.1	1.0	.0	.8	.0	.4	.0	.2	.0	.0	.3	5.8	12.1
SSE	.0	.1	.2	3.1	.1	1.0	.0	.6	.0	.4	.0	.0	.0	.0	.3	5.4	11.8
S	.0	.1	.3	5.2	.1	1.8	.1	2.4	.1	1.5	.0	.4	.0	.0	.6	11.4	13.6
SSW	.0	.0	.1	2.3	.1	1.1	.1	1.3	.1	1.1	.0	.2	.0	.0	.3	6.0	14.7
SW	.0	.1	.1	1.8	.0	.8	.0	.8	.0	.4	.0	.0	.0	.0	.2	3.9	12.6
WSW	.0	.0	.1	1.1	.0	.4	.0	.1	.0	.1	.0	.0	.0	.1	.1	1.9	12.0
W	.0	.2	.1	1.1	.0	.2	.0	.0	.0	.2	.0	.2	.0	.3	.1	2.3	14.4
WNW	.0	.1	.0	.5	.0	.3	.0	.0	.0	.1	.0	.0	.0	.1	.1	1.3	14.4
NW	.0	.0	.0	.8	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.1	1.3	13.8
NNW	.0	.0	.0	.8	.0	.5	.0	.2	.0	.4	.0	.4	.0	.1	.1	2.3	17.1
CALM	.1	2.6													.1	2.6	
TOTAL	.2	4.4	2.2	40.2	.9	17.2	.9	16.4	.8	14.0	.3	5.9	.1	1.8	5.4	100	14.1

CLASS 4 /DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEE LOBBACK, TX

PERIOD: 1949-1978

CLASS 4 / DAY

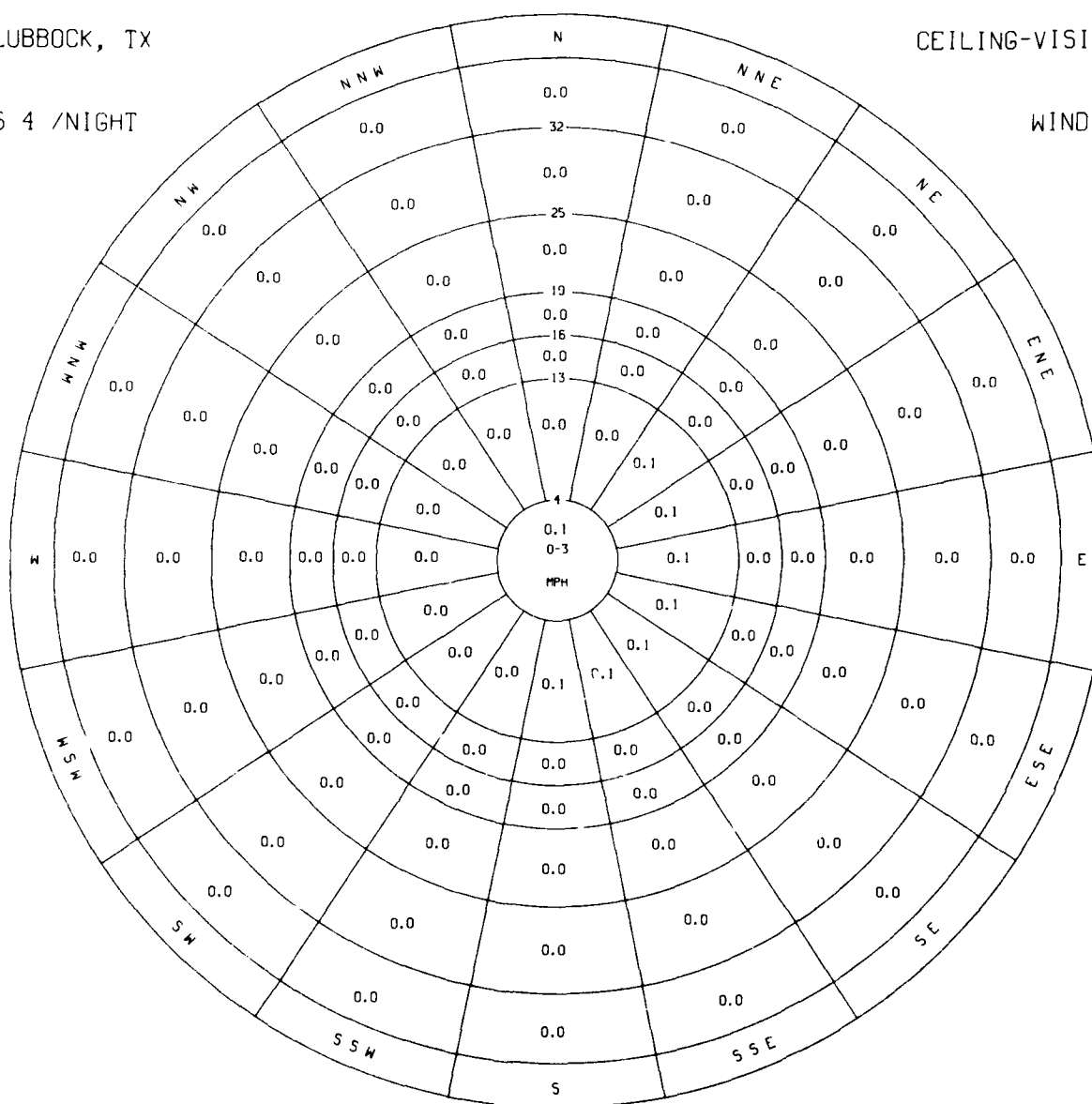
STATION NUMBER: 23042

NO. OBS.: 623

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.0	1.8	.0	1.0	.0	.5	.0	.6	.0	.8	.0	.6	.1	5.5	17.2
NNE	.0	.2	.0	3.0	.0	1.0	.0	.6	.0	1.0	.0	.6	.0	.0	.1	6.4	13.6
NE	.0	.2	.0	3.9	.0	1.6	.0	2.4	.0	1.6	.0	.5	.0	.0	.1	10.1	14.6
ENE	.0	.3	.1	4.8	.0	2.7	.0	1.9	.0	.5	.0	.3	.0	.0	.1	10.6	12.8
E	.0	.0	.1	5.1	.0	1.1	.0	1.0	.0	.3	.0	.0	.0	.0	.1	7.5	11.2
ESE	.0	.0	.1	5.5	.0	1.9	.0	1.1	.0	.3	.0	.0	.0	.0	.1	8.8	11.6
SE	.0	.3	.1	4.8	.0	1.8	.0	1.1	.0	.3	.0	.0	.0	.0	.1	8.3	11.1
SSE	.0	.3	.1	4.7	.0	1.4	.0	.6	.0	.3	.0	.2	.0	.0	.1	7.5	10.9
S	.0	.2	.1	6.3	.0	1.6	.0	.8	.0	.3	.0	.3	.0	.0	.1	9.5	11.6
SSW	.0	.2	.0	2.1	.0	.8	.0	.3	.0	.0	.0	.2	.0	.2	.0	3.7	12.4
SW	.0	.2	.0	2.4	.0	.8	.0	.6	.0	.0	.0	.2	.0	.6	.1	4.8	15.8
WSW	.0	.0	.0	1.6	.0	.3	.0	.5	.0	.3	.0	.2	.0	2.1	.1	5.0	25.9
W	.0	.0	.0	1.3	.0	.0	.0	.3	.0	.0	.0	.2	.0	3.0	.1	4.8	29.0
WNW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	1.4	.0	2.2	32.3
NW	.0	.2	.0	.5	.0	.2	.0	.2	.0	.0	.0	.2	.0	.0	.0	1.1	13.4
NNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.2	.0	.0	.0	.6	.0	1.6	23.8
CALM	.0	2.4													.0	2.4	
TOTAL	.1	4.5	.6	48.8	.2	16.2	.2	12.0	.1	5.8	.1	4.0	.1	8.7	1.3	100	14.5

CLASS 4 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 23042

NO. OBS.: 626

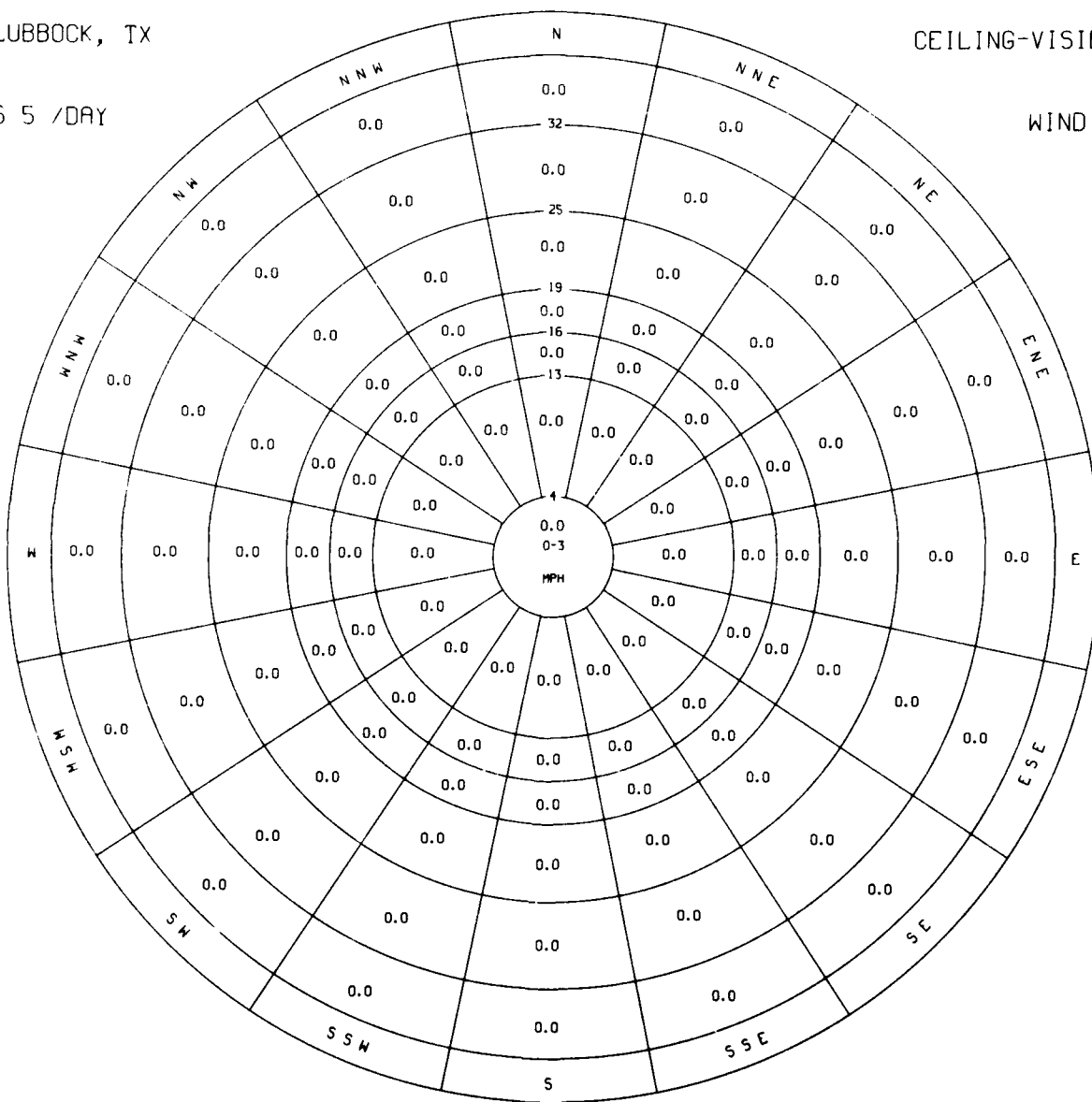
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	2.2	.0	.5	.0	.6	.0	.3	.0	.6	.0	.2	.1	4.5	15.3
NNE	.0	.0	.0	2.7	.0	1.3	.0	.8	.0	1.1	.0	.8	.0	.2	.1	6.9	16.0
NE	.0	.0	.1	4.8	.0	2.7	.0	2.6	.0	1.6	.0	.3	.0	.0	.2	12.0	13.7
ENE	.0	.2	.1	5.1	.0	2.1	.0	1.6	.0	.8	.0	.5	.0	.0	.2	10.2	13.0
E	.0	.2	.1	7.3	.0	1.3	.0	.5	.0	.5	.0	.2	.0	.0	.2	9.9	10.5
ESE	.0	.2	.1	5.9	.0	.6	.0	.5	.0	.6	.0	.0	.0	.0	.1	7.8	11.0
SE	.0	.0	.1	6.1	.0	1.9	.0	.8	.0	1.0	.0	.2	.0	.0	.2	9.9	11.6
SSE	.0	.2	.1	3.4	.0	1.1	.0	.3	.0	.3	.0	.0	.0	.0	.1	5.3	11.4
S	.0	.5	.1	9.1	.0	1.0	.0	.8	.0	.3	.0	.0	.0	.0	.2	11.7	9.7
SSW	.0	.2	.0	2.2	.0	1.0	.0	.6	.0	.2	.0	.2	.0	.0	.1	4.3	12.7
SW	.0	.0	.0	2.4	.0	1.8	.0	1.3	.0	.0	.0	.0	.0	.0	.1	5.4	12.4
WSW	.0	.0	.0	1.6	.0	.5	.0	.2	.0	.3	.0	.0	.0	.0	.0	2.6	11.8
W	.0	.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.6	12.6
WNW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.5	27.0
NW	.0	.2	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.2	.0	.2	.0	1.8	11.6
NNW	.0	.0	.0	.6	.0	.3	.0	.2	.0	.2	.0	.0	.0	.2	.0	1.4	14.8
CALM	.1	4.3													.1	4.3	
TOTAL	.1	6.1	.9	55.8	.3	16.1	.2	10.7	.1	7.2	.0	2.9	.0	1.3	1.6	100	11.8

LBB LUBBOCK, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 23042

NO. OBS.: 182

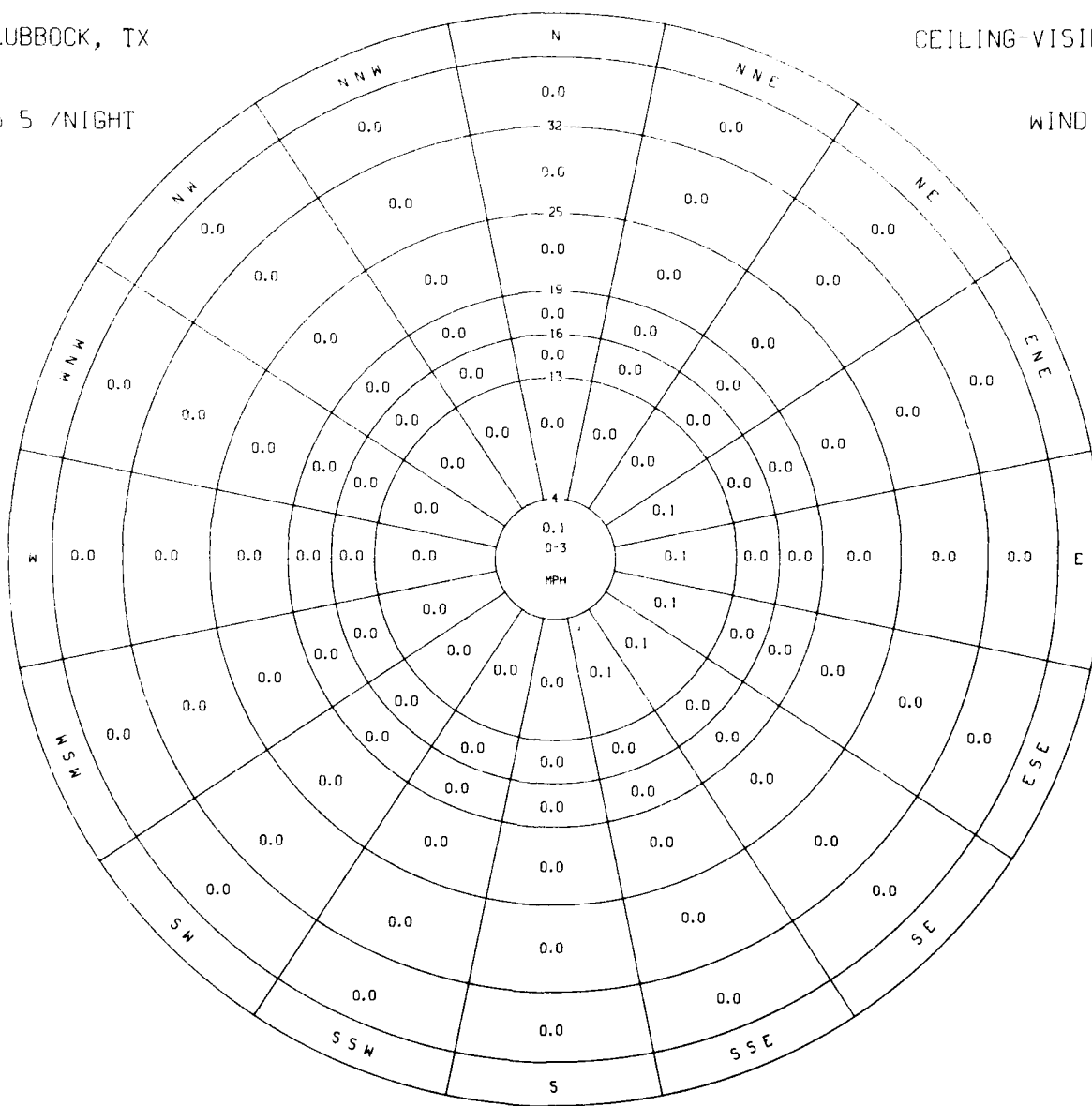
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	2.2	.0	.0	.0	1.6	.0	.5	.0	.5	.0	.0	.0	4.9	15.3
NNE	.0	.0	.0	1.1	.0	1.1	.0	.5	.0	1.1	.0	.5	.0	.0	.0	4.4	15.9
NE	.0	.5	.0	1.6	.0	1.1	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	6.6	14.0
ENE	.0	.0	.0	5.5	.0	1.6	.0	1.6	.0	.5	.0	.5	.0	.0	.0	9.9	13.2
E	.0	.0	.0	7.7	.0	2.7	.0	1.1	.0	.5	.0	.5	.0	.0	.0	12.6	11.3
ESE	.0	.0	.0	3.8	.0	2.2	.0	.5	.0	1.1	.0	.0	.0	.0	.0	7.7	12.1
SE	.0	.0	.0	6.0	.0	1.6	.0	.0	.0	.5	.0	.0	.0	.0	.0	8.2	11.5
SSE	.0	.0	.0	6.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	9.8
S	.0	.0	.0	4.9	.0	4.4	.0	1.1	.0	.5	.0	.0	.0	.0	.0	11.0	11.9
SSW	.0	.0	.0	2.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	10.6
SW	.0	.0	.0	2.2	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.5	.0	6.0	13.8
WSW	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	1.6	.0	2.2	35.7
W	.0	.0	.0	2.7	.0	.5	.0	.0	.0	.0	.0	.5	.0	4.9	.0	8.8	27.7
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.5	30.0
NW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	9.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	47.0
CALM	.0	5.5													.0	5.5	
TOTAL	.0	6.0	.2	47.3	.1	19.2	.0	9.9	.0	6.6	.0	3.3	.0	7.7	.4	100	13.9

LBB LUBBOCK, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 23042

NO. OBS.: 326

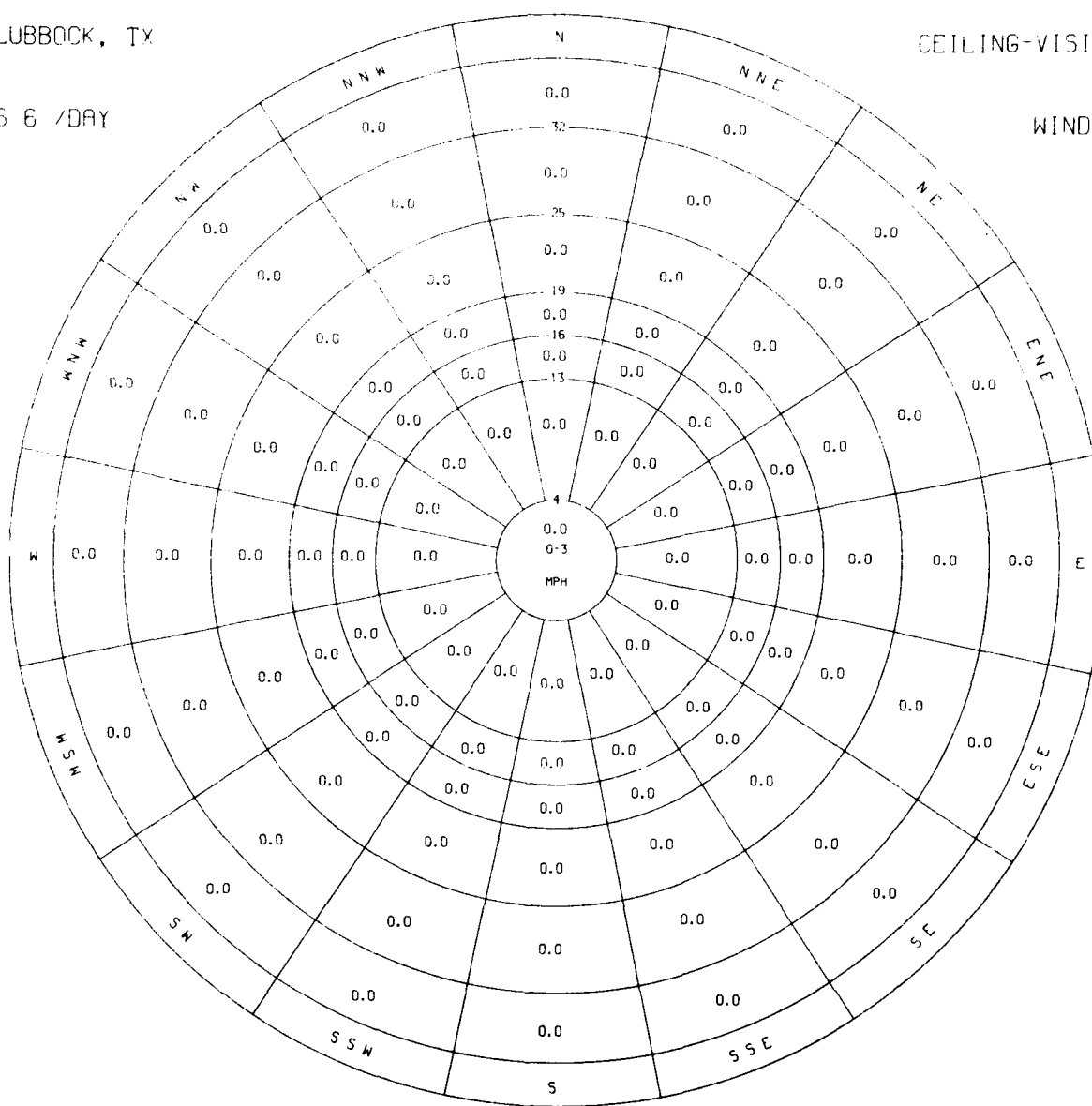
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	1.8	.0	1.5	.0	.3	.0	.6	.0	.3	.0	.0	.0	4.6	14.4
NNE	.0	.3	.0	1.5	.0	.3	.0	.6	.0	.9	.0	.3	.0	.0	.0	4.0	15.0
NE	.0	.0	.0	5.2	.0	1.5	.0	1.2	.0	1.2	.0	.0	.0	.0	.1	9.2	12.6
ENE	.0	.6	.1	6.1	.0	3.1	.0	.6	.0	.9	.0	.0	.0	.0	.1	11.3	11.5
E	.0	.0	.1	6.1	.0	1.8	.0	.3	.0	.0	.0	.3	.0	.0	.1	8.6	10.8
ESE	.0	.0	.1	6.4	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.1	8.0	9.3
SE	.0	.0	.1	6.4	.0	.9	.0	2.1	.0	.6	.0	.0	.0	.0	.1	10.1	11.4
SSE	.0	.0	.1	6.1	.0	1.8	.0	.6	.0	.0	.0	.0	.0	.0	.1	8.6	10.3
S	.0	.6	.0	5.5	.0	1.8	.0	.6	.0	.3	.0	.0	.0	.0	.1	8.9	10.4
SSW	.0	.0	.0	3.4	.0	.6	.0	.9	.0	.3	.0	.0	.0	.0	.0	5.2	11.1
SW	.0	.0	.0	2.8	.0	2.8	.0	1.2	.0	.3	.0	.0	.0	.0	.1	7.1	12.0
WSW	.0	.0	.0	4.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.8
W	.0	.9	.0	.9	.0	.6	.0	.3	.0	.0	.0	.0	.0	.3	.0	3.1	11.2
WNW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.5
NW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5
NNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.9	16.0
CALM	.0	4.6													.0	4.6	
TOTAL	.1	7.7	.5	58.0	.2	18.4	.1	9.2	.0	5.2	.0	1.2	.0	.3	.8	100	10.7

LBB LUBBOCK, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LUBBOCK, TX

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 23042

NO. OBS.: 140

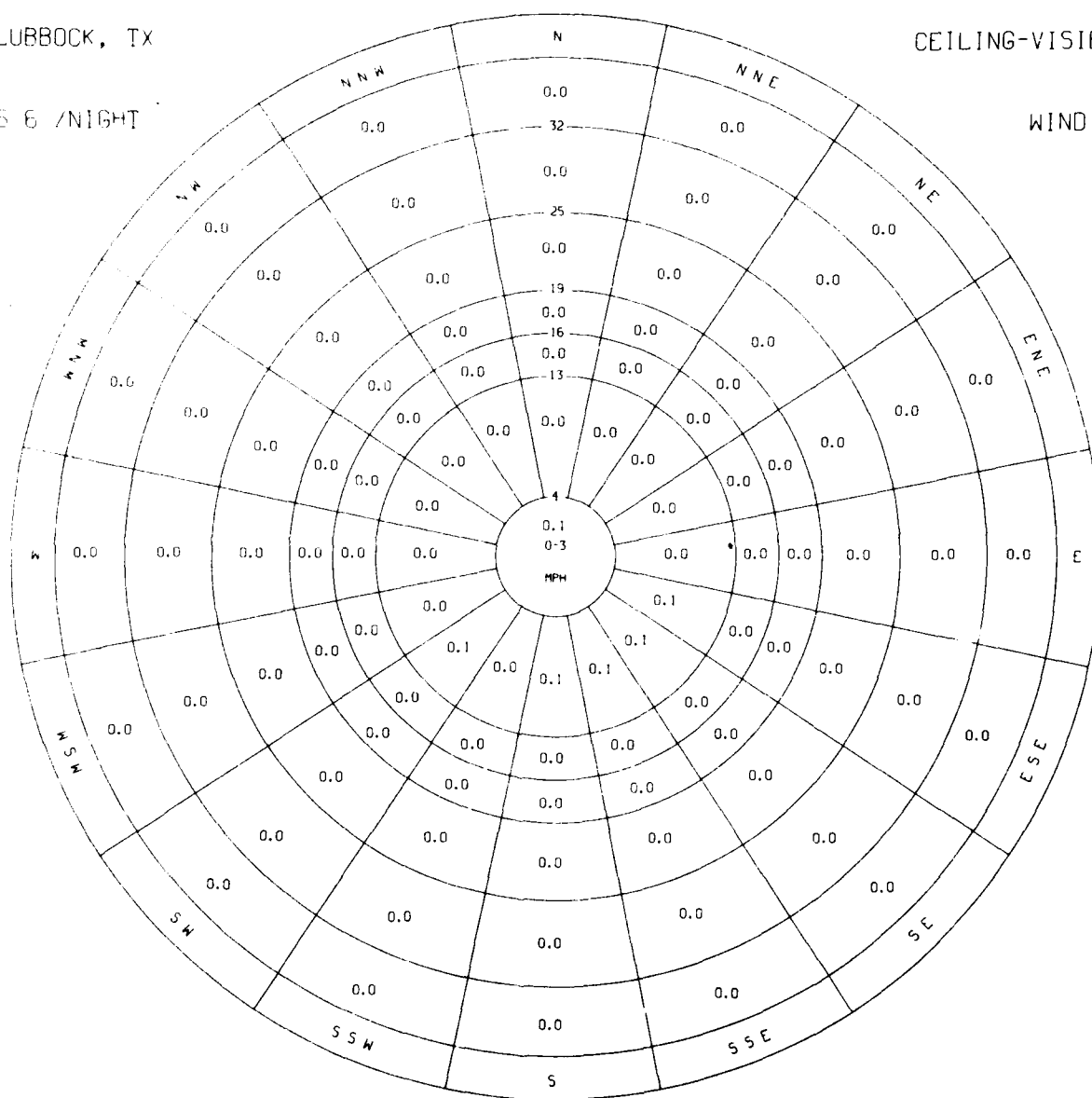
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	2.9	14.7	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.7	25.0	
NE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.5	
ENE	.0	.0	.0	6.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	8.6	9.9	
E	.0	.0	.0	4.3	.0	4.3	.0	1.4	.0	2.1	.0	.7	.0	.0	12.9	14.5	
ESE	.0	.0	.0	9.3	.0	3.6	.0	1.4	.0	.7	.0	.0	.0	.0	15.0	10.9	
SE	.0	.7	.0	9.3	.0	1.4	.0	.0	.0	2.1	.0	.7	.0	.0	14.3	11.9	
SSE	.0	.7	.0	8.6	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	12.1	9.7	
S	.0	.0	.0	5.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.4	9.8	
SSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0	
SW	.0	.0	.0	2.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.6	9.4	
WSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	10.0	
W	.0	1.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	6.4	21.1
WNW	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	5.0	15.0
NW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0	
NNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	2.1	20.0
CALM	.0	6.4													.0	6.4	
TOTAL	.0	9.3	.2	59.3	.0	14.3	.0	4.3	.0	5.0	.0	2.1	.0	5.7	.3	100	11.6

LBB LUBBOCK, TX

CLASS 6 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBB LOBBACK, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

TABLE NUMBER: 23042

NO. OBS.: 319

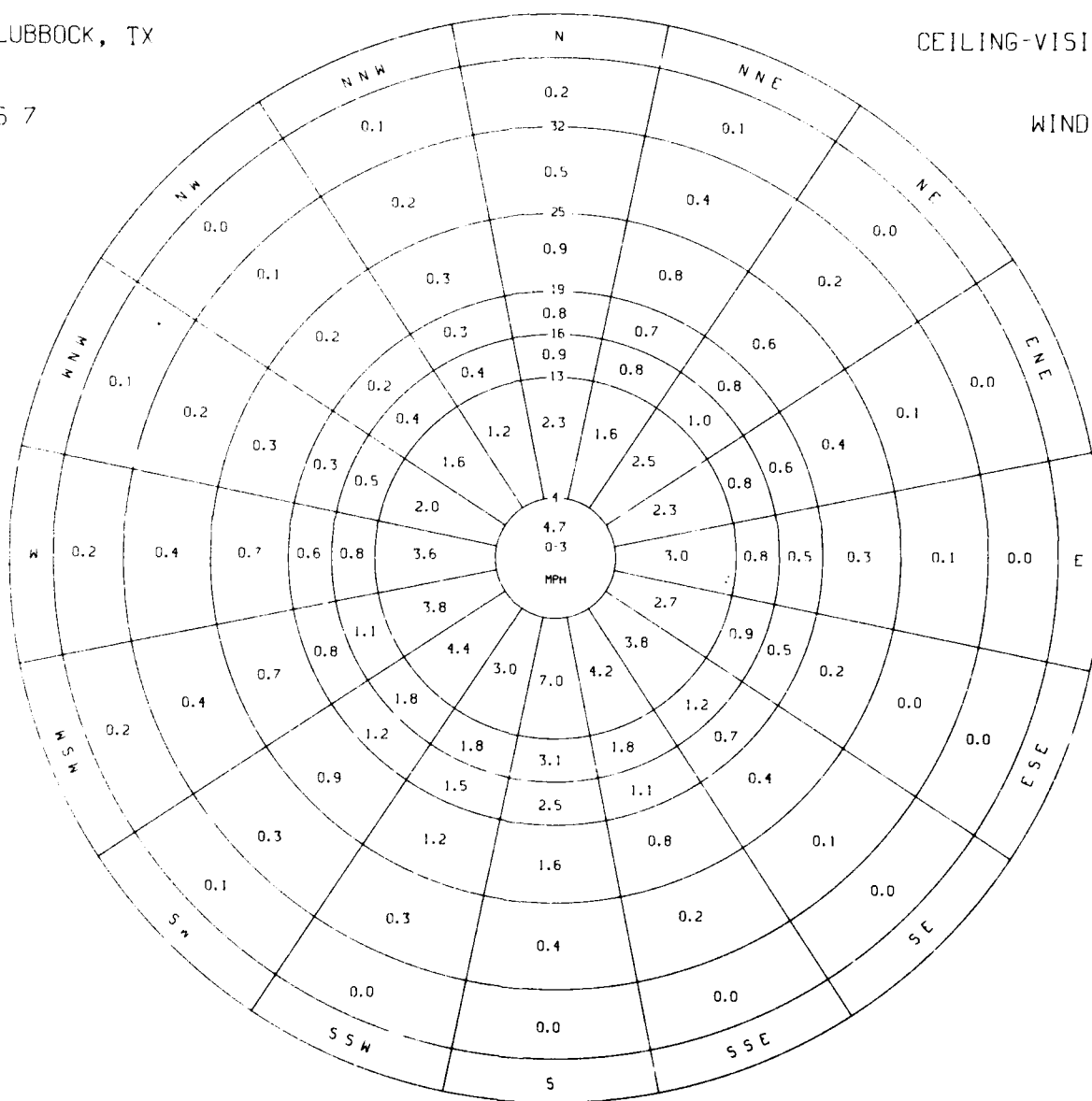
D : : R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.6	.0	2.5	14.7
NNE	.0	.0	.0	.3	.0	.3	.0	.6	.0	.0	.0	.3	.0	.0	.0	1.6	15.2
NE	.0	.0	.0	2.8	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	3.8	11.9
ENE	.0	.3	.0	1.9	.0	1.6	.0	1.3	.0	.0	.0	.3	.0	.0	.0	5.3	13.2
E	.0	.6	.0	6.0	.0	.6	.0	.3	.0	.3	.0	.3	.0	.0	.1	8.2	10.4
ESE	.0	.0	.1	7.2	.0	2.2	.0	.9	.0	.3	.0	.0	.0	.0	.1	10.7	11.2
SE	.0	.3	.1	8.8	.0	2.2	.0	1.9	.0	.6	.0	.0	.0	.0	.1	13.8	11.3
SSE	.0	.0	.1	6.6	.0	3.1	.0	.6	.0	.0	.0	.0	.0	.3	.1	10.7	12.1
S	.0	.6	.1	8.8	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.1	11.6	9.4
SSW	.0	.3	.0	2.5	.0	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	3.8	9.2
SW	.0	.0	.1	6.6	.0	1.6	.0	.9	.0	.3	.0	.0	.0	.0	.1	9.4	10.6
WSW	.0	.3	.0	3.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	4.4	7.7
W	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.2
WNW	.0	.0	.0	3.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	4.1	10.9
NW	.0	.0	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.7
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	40.0
CALM	.1	7.5													.1	7.5	
TOTAL	.1	11.0	.5	61.4	.1	14.7	.1	8.2	.0	2.2	.0	.9	.0	1.6	.8	100	10.1

LBB LUBBOCK, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

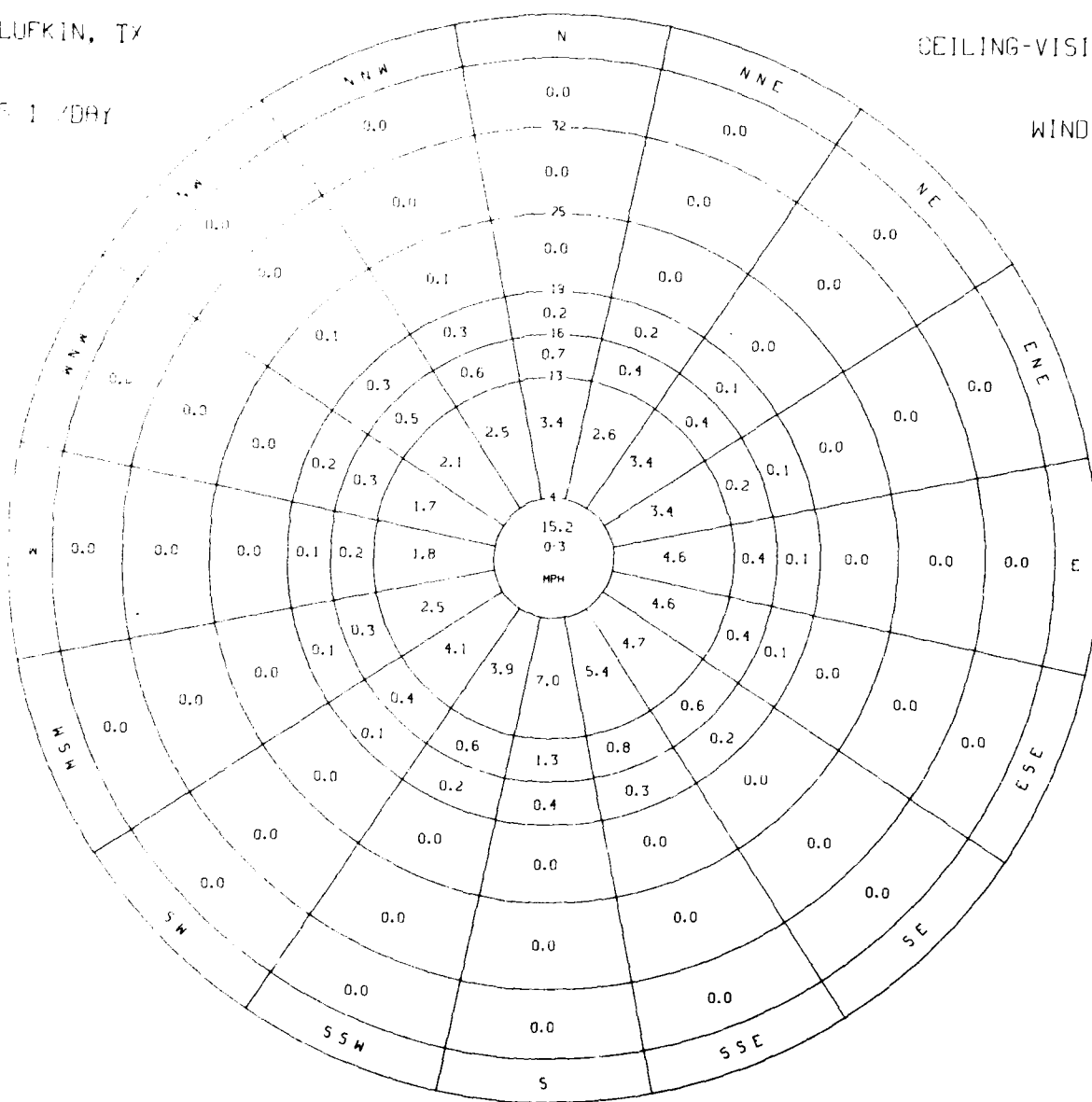


LFK LUFKIN, TX

CLASS 1 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LUFKIN, TX

PERIOD: 1949-1976

CLASS 1 / DAY

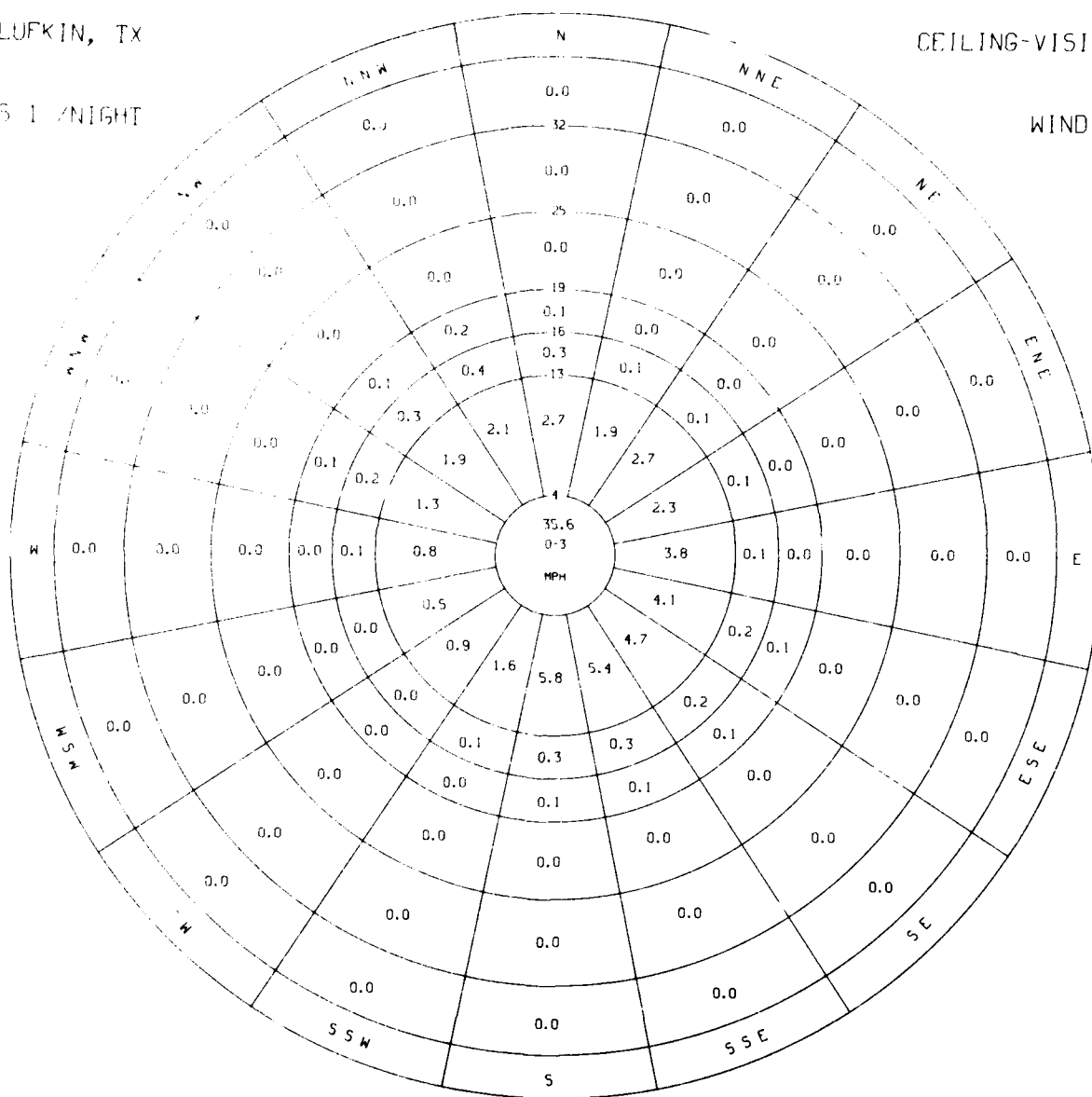
STATION NUMBER: 93987

NO. OBS.: 41014

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.3	.3	3.4	4.0	.7	.8	.2	.3	.0	.1	.0	.0	.0	.0	4.6	5.4	9.4
NNE	.2	.3	2.6	3.1	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	3.5	4.1	9.2
NE	.4	.4	3.4	4.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.2	5.0	8.4
ENE	.3	.4	3.4	4.0	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.0	4.8	8.2
E	.6	.7	4.6	5.5	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.7	6.7	7.9
ESE	.6	.7	4.6	5.4	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	5.8	6.8	8.3
SE	.6	.7	4.7	5.6	.6	.8	.2	.3	.0	.0	.0	.0	.0	.0	6.3	7.4	8.5
SSE	.5	.6	5.4	6.3	.8	.9	.3	.4	.0	.0	.0	.0	.0	.0	7.0	8.2	9.1
S	.7	.8	7.0	8.3	1.3	1.5	.4	.5	.0	.1	.0	.0	.0	.0	9.4	11.1	9.2
SSW	.3	.4	3.9	4.6	.6	.7	.2	.3	.0	.1	.0	.0	.0	.0	5.1	6.1	9.3
SW	.4	.5	4.1	4.8	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.0	5.9	8.3
WSW	.2	.3	2.5	2.9	.3	.3	.1	.1	.0	.1	.0	.0	.0	.0	3.1	3.7	8.7
W	.3	.3	1.8	2.1	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0	2.4	2.9	8.6
WNW	.2	.3	1.7	2.0	.3	.4	.2	.3	.0	.1	.0	.0	.0	.0	2.5	3.0	9.6
NW	.2	.3	2.1	2.4	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	3.2	3.8	10.1
NNW	.2	.3	2.5	3.0	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	3.8	4.5	10.2
CALM	9.0	10.6													9.0	10.6	
TOTAL	15.2	17.9	57.6	68.0	8.2	9.7	3.1	3.7	.5	.6	.0	.0	.0	.0	84.7	100	8.0

CLASS 1 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CECILIA, N.Y.

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 94987

NO. OBS.: 32266

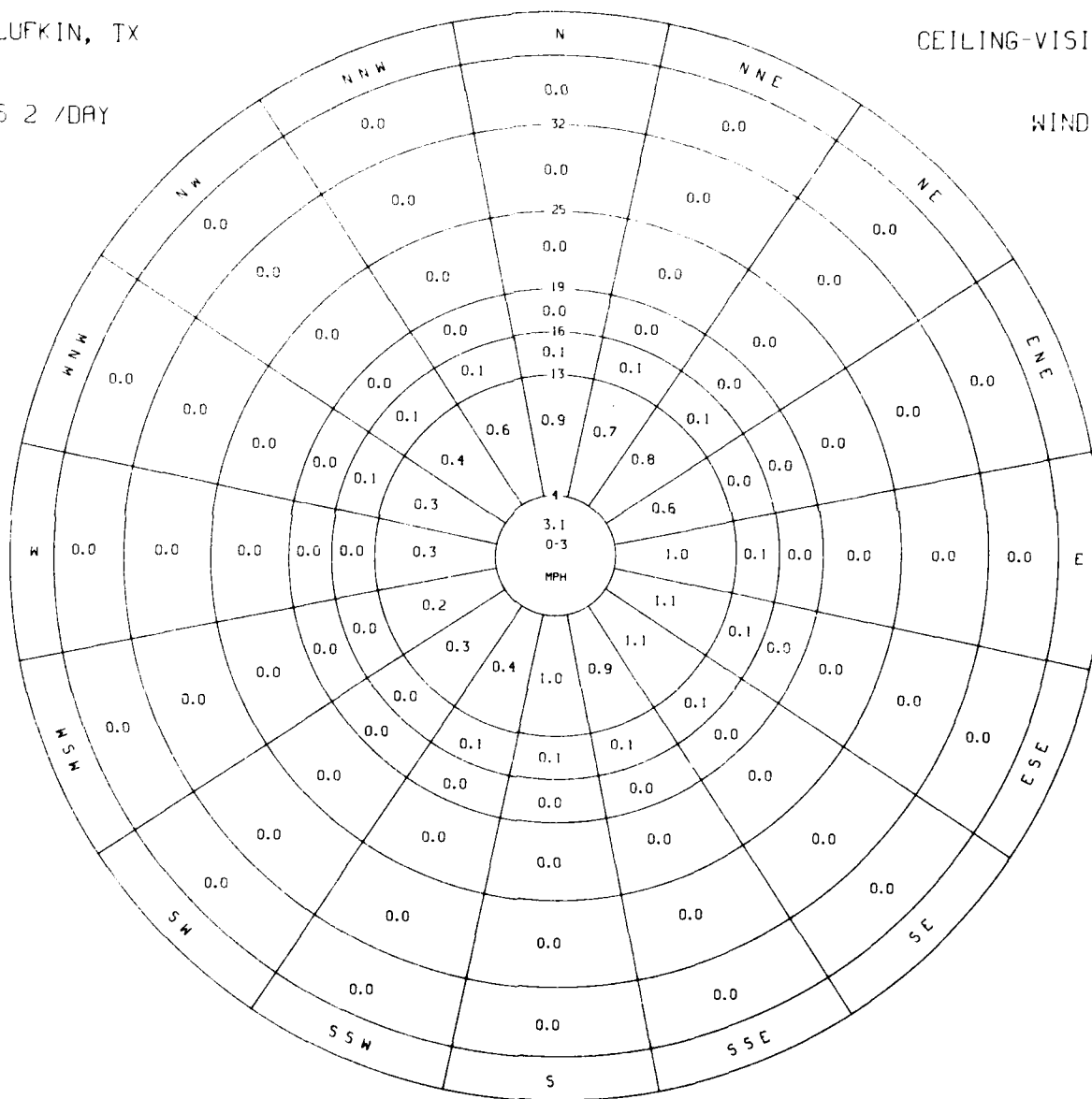
DIRECTION	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.5	2.7	3.3	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.5	4.3	8.1
NNE	.2	.4	1.9	2.4	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.5	3.0	7.5
NE	.6	.8	2.7	3.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.2	6.6
ENE	.6	.7	2.3	2.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.7	6.5
E	1.5	1.2	3.8	4.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.9	6.2
ESE	1.0	1.2	4.1	5.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.3	6.5	6.6
SE	1.3	1.6	4.7	5.8	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.3	7.7	6.6
SSE	.9	1.1	5.4	6.6	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	6.8	8.2	7.3
S	.9	1.1	5.8	7.0	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	7.0	8.6	7.3
SSW	.3	.4	1.6	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.5	7.3
SW	.3	.4	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.6	6.2
WSW	.1	.1	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	6.9
W	.2	.2	.8	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.4	7.3
WNW	.2	.2	1.3	1.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.7	2.1	8.6
NW	.3	.4	1.9	2.3	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	2.7	3.3	8.5
NNW	.4	.4	2.1	2.6	.4	.5	.2	.3	.0	.1	.0	.0	.0	.0	3.1	3.8	8.9
CALM	26.8	32.6													26.8	32.6	
TOTAL	35.6	43.3	42.7	51.9	2.8	3.4	1.0	1.2	.2	.2	.0	.0	.0	.0	82.3	100	4.8

LFK LUFKIN, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEE LUFKIN, TX

PERIOD: 1949-1978

CLASS 2 DAY

STATION NUMBER: 93987

NO. OBS.: 7408

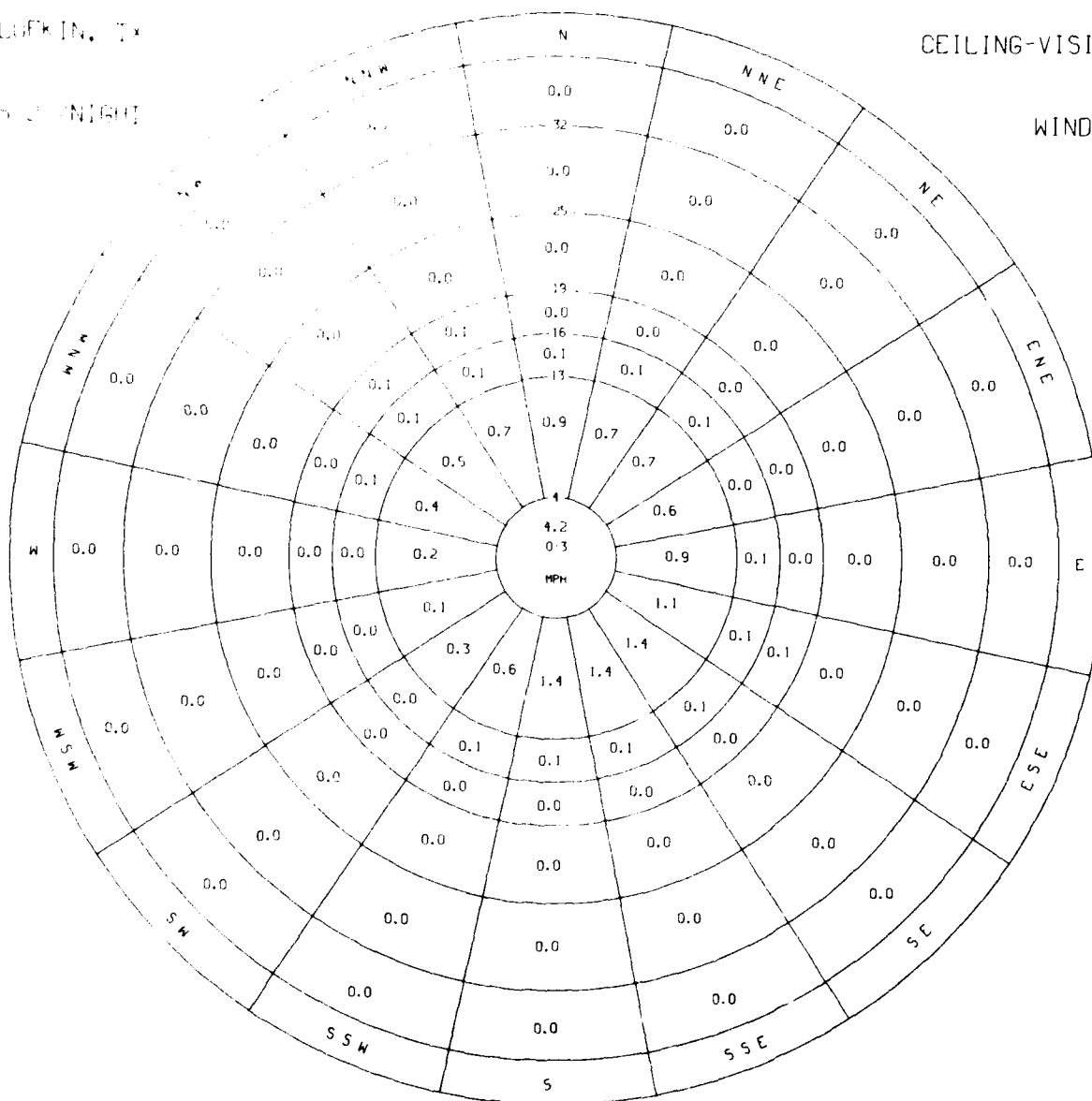
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.9	5.6	.1	.9	.0	.3	.0	.0	.0	.0	.0	.0	1.1	7.2	9.4
NNE	.0	.2	.7	4.3	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.8	5.1	9.6
NE	.1	.4	.8	5.3	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	1.0	6.4	8.7
ENE	.1	.4	.6	3.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.7	8.5
E	.1	.7	1.0	6.2	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	1.1	7.4	7.8
ESE	.1	.6	1.1	7.1	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	1.3	8.7	8.3
SE	.1	.8	1.1	7.5	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	1.3	8.8	8.0
SSE	.1	.7	.9	6.1	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	1.2	7.6	8.4
S	.1	.6	1.0	6.2	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	1.2	7.7	8.5
SSW	.0	.3	.4	2.9	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.6	3.6	8.3
SW	.0	.3	.3	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.7	8.1
WSW	.0	.1	.2	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.7	8.6
W	.0	.1	.3	1.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.2	9.3
WNW	.0	.2	.3	2.0	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.5	3.0	9.9
NW	.0	.2	.4	2.9	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.6	4.1	10.1
NNW	.0	.3	.6	3.6	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.8	5.1	10.1
CALM	2.1	14.0													2.1	14.0	
TOTAL	3.1	20.2	10.5	66.4	1.3	8.3	.4	2.5	.1	.5	.0	.1	.0	.0	15.3	100	7.5

LFK LUPKIN, TX

CLASS 2 - NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFK LUFKIN, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 93987

NO. OBS.: 6959

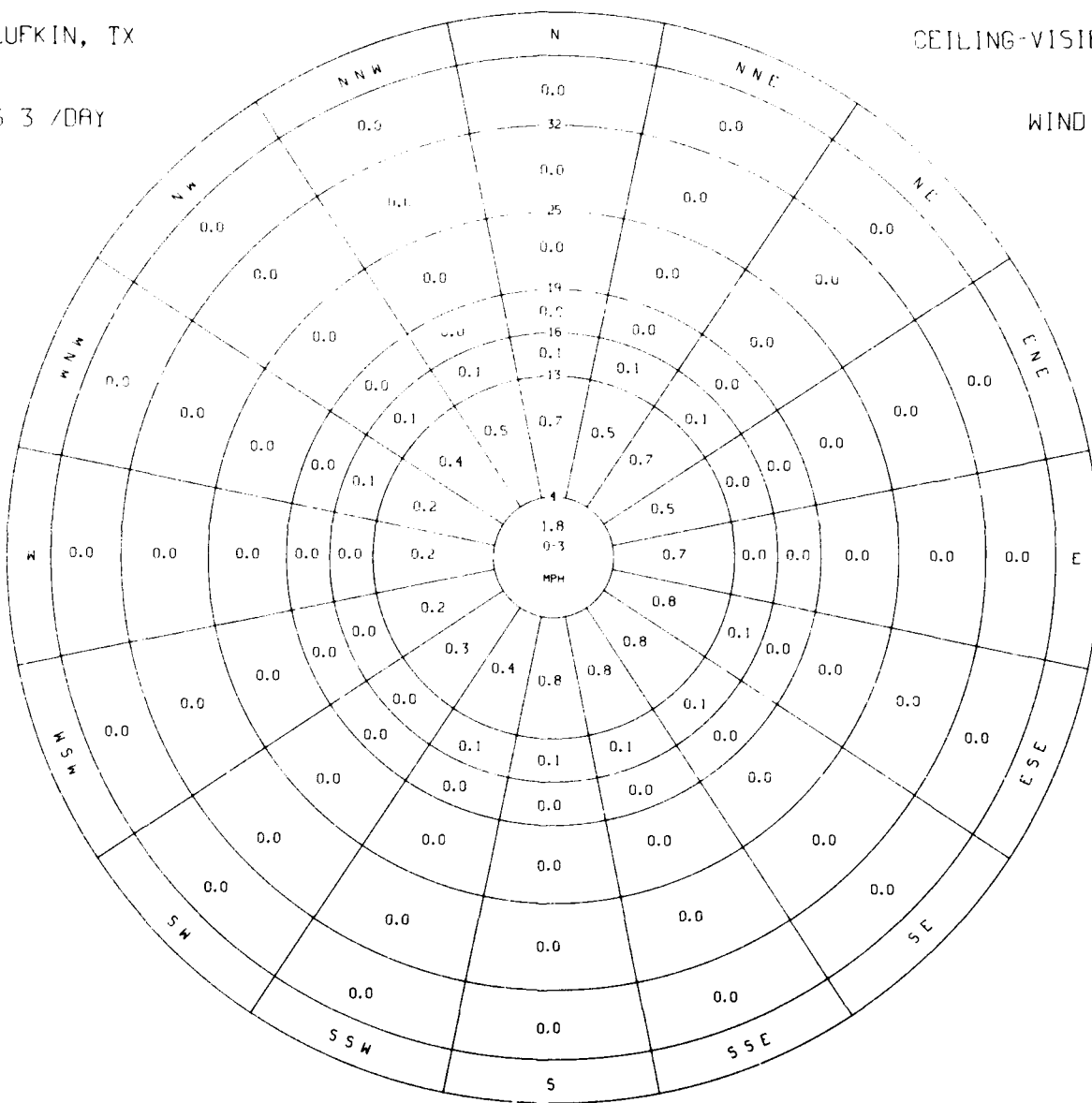
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.3	.9	5.3	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	1.1	6.4	9.1
NNE	.1	.4	.7	3.7	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.8	4.8	8.9
NE	.1	.3	.7	3.7	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.8	4.5	8.3
ENE	.1	.3	.6	3.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.8	8.3
E	.1	.6	.9	5.2	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.1	6.3	7.8
ESE	.1	.7	1.1	6.4	.1	.5	.1	.3	.0	.0	.0	.0	.0	.0	1.4	7.9	8.1
SE	.2	1.4	1.4	7.7	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	1.8	9.9	7.6
SSE	.2	.9	1.4	8.0	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	1.7	9.6	7.9
S	.1	.7	1.4	7.9	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.6	9.2	8.1
SSW	.1	.4	.6	3.2	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.1	8.1
SW	.0	.2	.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.9	7.6
WSW	.0	.1	.1	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.0	8.2
W	.0	.0	.2	1.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.5	9.7
WNW	.0	.1	.4	2.2	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.5	3.0	10.0
NW	.1	.3	.5	3.0	.1	.8	.1	.3	.0	.0	.0	.0	.0	.0	.8	4.5	10.0
NNW	.1	.3	.7	3.8	.1	.8	.1	.3	.0	.0	.0	.0	.0	.0	.9	5.3	9.7
CALM	2.9	16.4													2.9	16.4	
TOTAL	4.2	23.6	11.8	66.8	1.2	6.8	.4	2.4	.1	.3	.0	.1	.0	.0	17.7	100	7.0

LFK LUFKIN, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFK LUFKIN, TX

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 93987

NO. OBS.: 5849

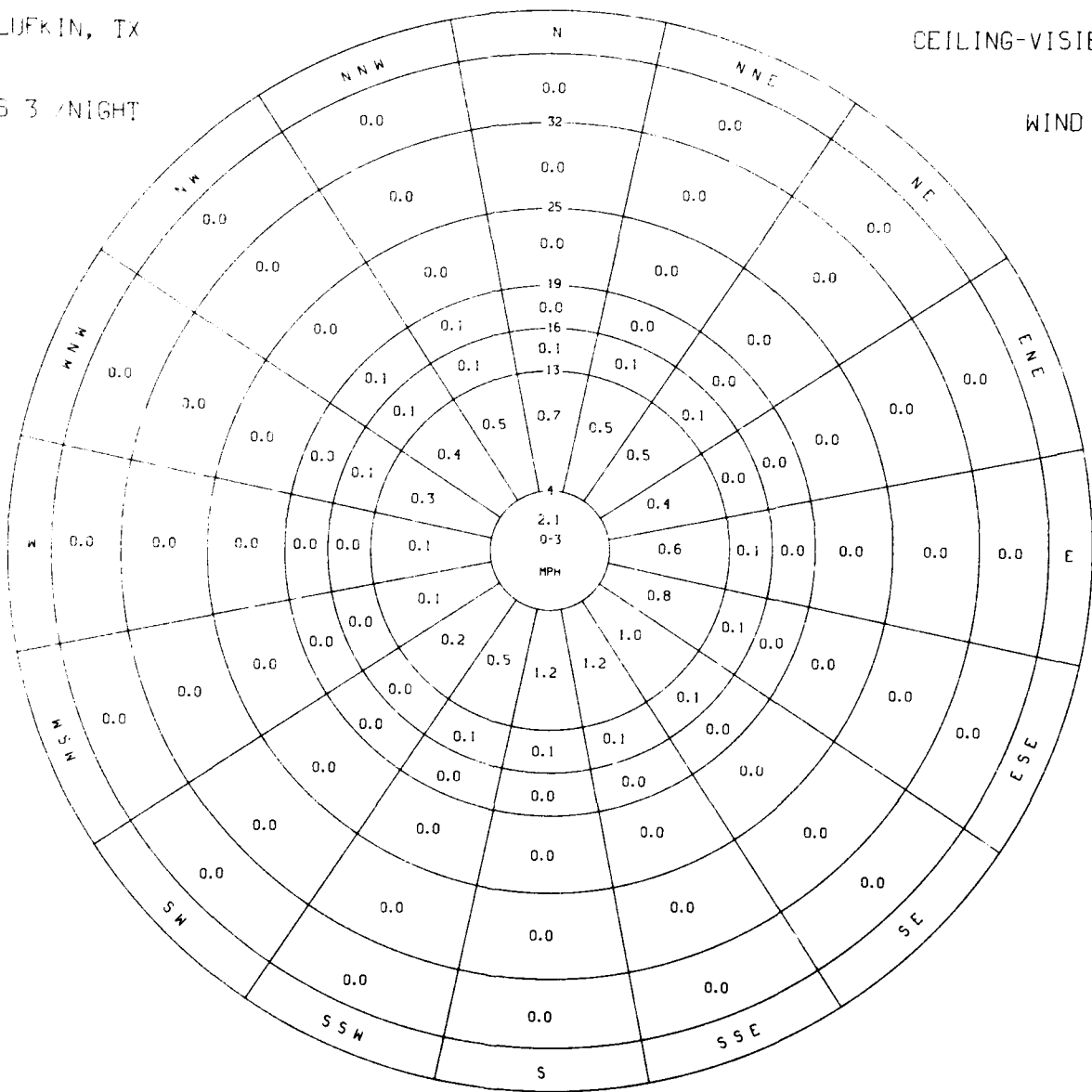
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.7	6.0	.1	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.9	7.6	9.7
NNE	.0	.1	.5	4.4	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.7	5.4	9.8
NE	.0	.3	.7	5.5	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.8	6.7	9.0
ENE	.0	.4	.5	4.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.6	4.9	8.9
E	.1	.6	.7	6.2	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.9	7.3	8.1
ESE	.1	.4	.8	6.6	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	1.0	8.2	8.8
SE	.1	.7	.8	6.9	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	1.1	8.8	8.5
SSE	.1	.5	.8	6.7	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	1.0	8.2	8.8
S	.1	.5	.8	6.9	.1	1.0	.0	.2	.0	.0	.0	.0	.0	.0	1.0	8.5	8.9
SSW	.0	.4	.4	3.3	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.2	8.5
SW	.0	.3	.3	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.1	8.3
WSW	.0	.1	.2	1.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	8.5
W	.0	.1	.2	1.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.4	9.3
WNW	.0	.2	.2	2.0	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.0	10.2
NW	.0	.1	.4	3.0	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.5	4.4	10.5
NNW	.0	.3	.5	3.9	.1	1.0	.0	.3	.0	.1	.0	.0	.0	.0	.7	5.5	10.4
CALM	1.2	9.8													1.2	9.8	
TOTAL	1.8	15.1	8.6	71.4	1.2	9.9	.4	2.9	.1	.5	.0	.1	.0	.0	12.1	100	8.2

LFK LUFKIN, TX

CLASS 3 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CFB LUFKIN, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

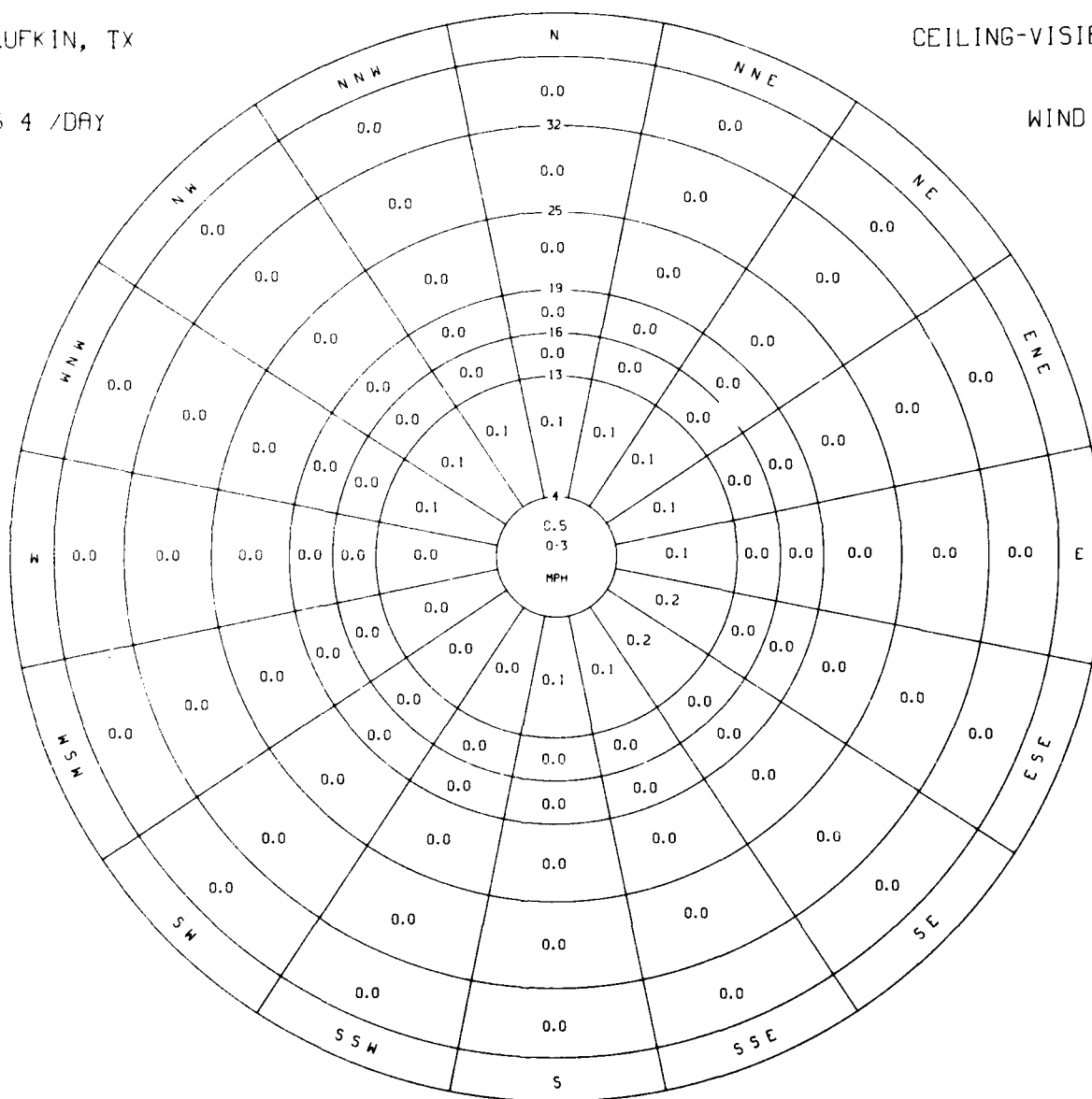
STATION NUMBER: 93987

NO. OBS.: 4961

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.7	5.7	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.9	6.9	9.6
NNE	.0	.2	.5	4.0	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.6	5.0	9.5
NE	.0	.3	.5	3.6	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.6	4.7	8.7
ENE	.0	.2	.4	3.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5	3.6	8.8
E	.1	.5	.6	5.0	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.8	6.2	8.3
ESE	.1	.5	.8	6.0	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	1.0	7.6	8.7
SE	.2	1.2	1.0	8.1	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	1.3	10.4	8.1
SSE	.1	.9	1.2	9.3	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	1.4	11.1	8.3
S	.1	.5	1.2	9.5	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.4	10.9	8.5
SSW	.0	.3	.5	3.7	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.6	4.7	8.6
SW	.0	.1	.2	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.1	7.9
WSW	.0	.1	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	8.4
W	.0	.1	.1	.9	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.5	10.3
WNW	.0	.1	.3	2.3	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.4	3.1	10.4
NW	.0	.2	.4	3.2	.1	1.0	.1	.4	.0	.0	.0	.0	.0	.0	.6	4.9	10.6
NNW	.0	.2	.5	3.8	.1	1.0	.1	.5	.0	.0	.0	.0	.0	.0	.7	5.5	10.3
CALM	1.4	10.9													1.4	10.9	
TOTAL	2.1	16.8	8.9	70.6	1.1	9.0	.4	3.2	.1	.4	.0	.0	.0	.0	12.6	100	7.9

CLASS 4 /DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEE LUFKIN, TX

PERIOD: 1943-1978

CLASS 4 / DAY

STATION NUMBER: 93987

NO. OBS.: 936

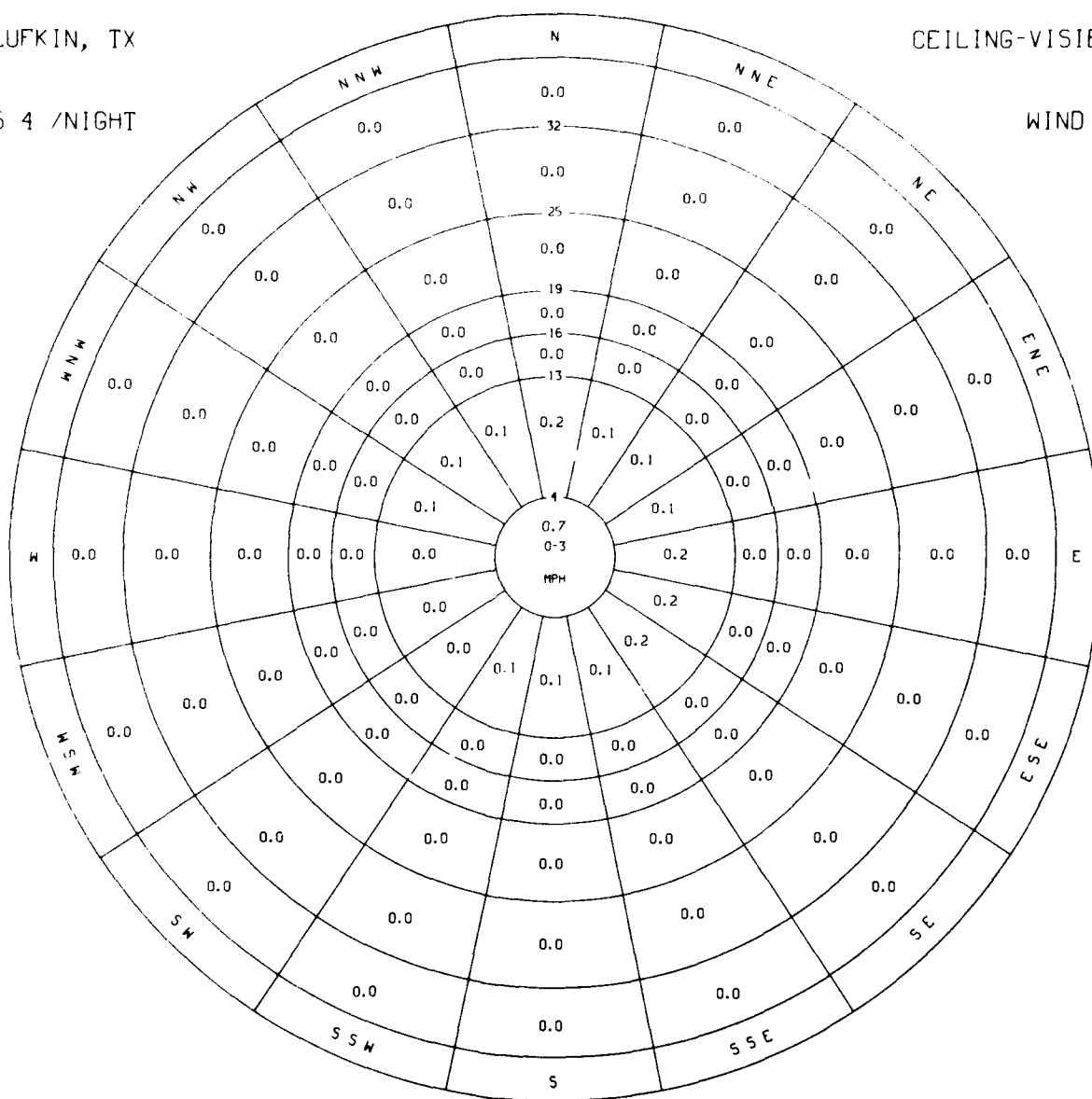
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.4	.1	5.4	.0	.7	.0	.0	.0	.1	.0	.0	.0	.0	.1	6.7	8.9
NNE	.0	.2	.1	5.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	5.4	8.7
NE	.0	.7	.1	6.1	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.1	7.2	7.7
ENE	.0	.3	.1	4.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	7.6
E	.0	1.3	.1	7.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2	9.1	7.1
ESE	.0	.9	.2	8.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.9	7.6
SE	.0	1.2	.2	8.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	10.0	6.6
SSE	.0	1.0	.1	4.5	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	5.7	6.9
S	.0	.4	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	7.0
SSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.9
SW	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.0
WSW	.0	.1	.0	1.2	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.6	8.7
W	.0	.0	.0	1.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.3	10.1
WNW	.0	.1	.1	2.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	9.0
NW	.0	.1	.1	3.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	3.7	8.2
NNW	.0	.1	.1	3.8	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.5	9.1
CALM	.4	19.6													.4	19.6	
TOTAL	.5	26.6	1.3	68.8	.1	3.2	.0	1.0	.0	.3	.0	.1	.0	.0	1.9	100	6.2

LFK LUFKIN, TX

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFK LUFKIN, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 93987

NO. OBS.: 1013

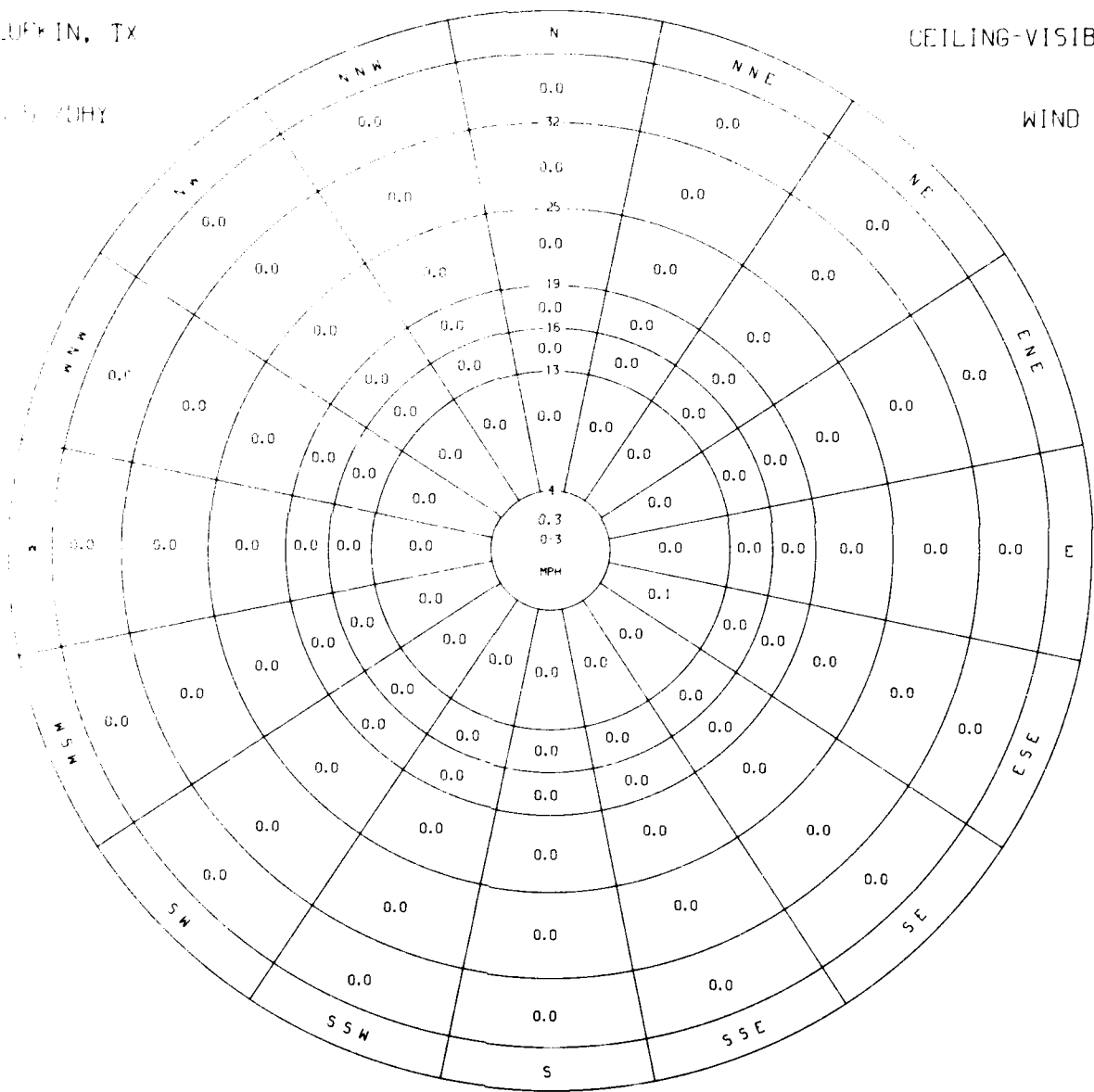
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.5	.2	6.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.1	7.9
NNE	.0	.8	.1	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	7.7
NE	.0	.3	.1	4.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.8	7.4
ENE	.0	.7	.1	4.1	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	5.1	7.5
E	.0	.8	.2	6.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	6.9	7.2
ESE	.0	.6	.2	9.1	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.3	10.0	7.8
SE	.0	1.3	.2	7.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.6	6.4
SSE	.0	.6	.1	5.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.8	6.7
S	.0	1.1	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	6.1
SSW	.0	.4	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	6.7
SW	.0	.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.9
WSW	.0	.2	.0	1.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.4	8.3
W	.0	.0	.0	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.6	8.2
WNW	.0	.3	.1	2.8	.0	.4	.0	.1	.0	.0	.0	.2	.0	.0	.1	3.8	9.8
NW	.0	.3	.1	3.4	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.4	9.0
NNW	.0	.5	.1	5.4	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.2	6.5	8.2
CALM	.5	20.1													.5	20.1	
TOTAL	.7	28.6	1.7	67.5	.1	2.6	.0	.9	.0	.2	.0	.2	.0	.0	2.6	100	6.0

LEF LUFKIN, TX

PERIOD: 24 HRY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFK LUFKIN, TX

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 93987

NO. OBS.: 293

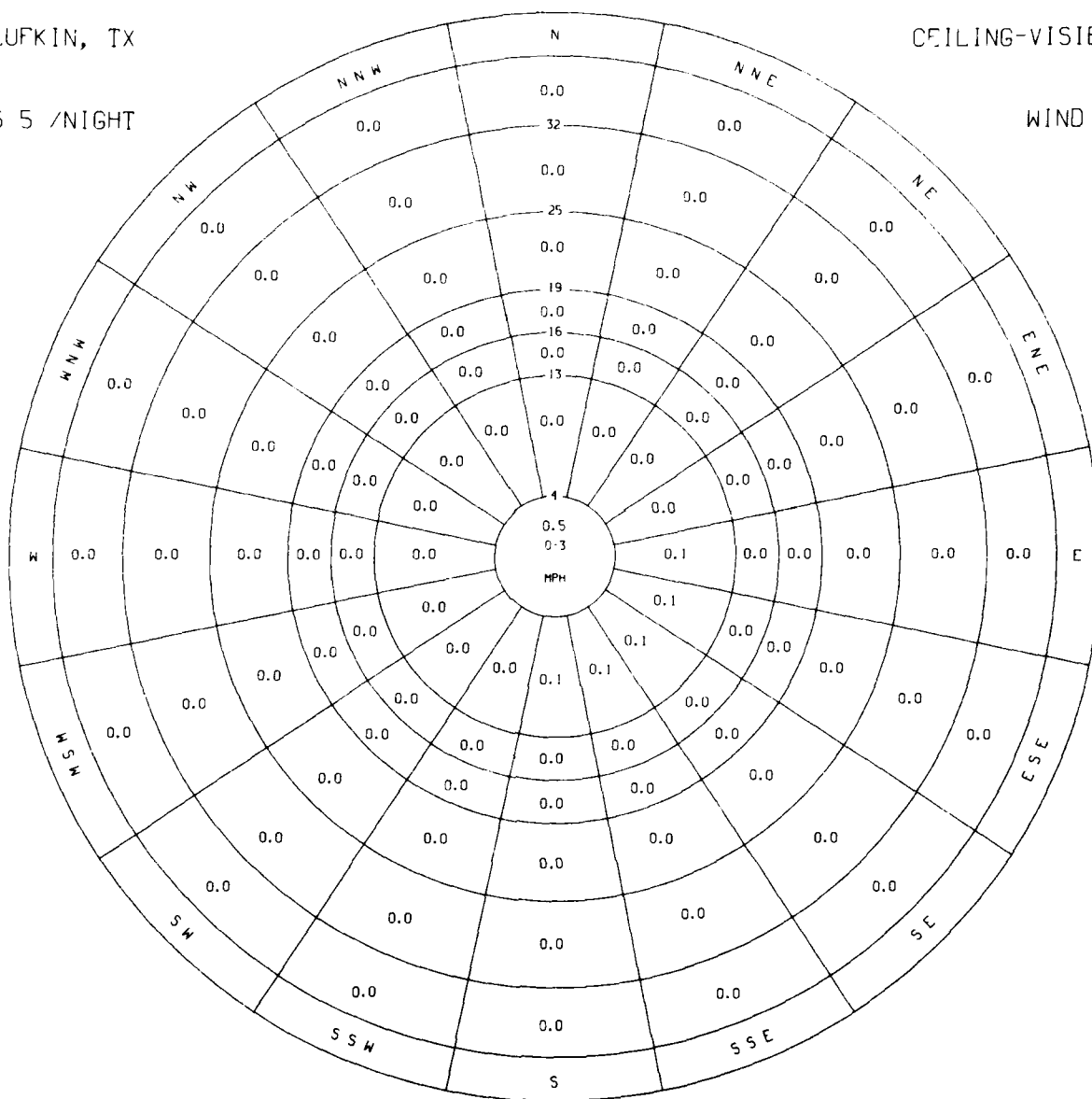
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.7	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.3
NNE	.0	.3	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.1
NE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	3.4	7.7
ENE	.0	1.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.2
E	.0	1.0	.0	4.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	5.5	6.3
ESE	.0	2.7	.1	8.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.9	6.0
SE	.0	2.4	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	5.5
SSE	.0	1.7	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.6
S	.0	1.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.7
SSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.0
SW	.0	.7	.0	.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.7	6.6
WSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	8.0
W	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.7	10.4
WNW	.0	1.0	.0	.7	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.7	8.9
NW	.0	.3	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.7
NNW	.0	.3	.0	1.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.0	8.7
CALM	.2	38.2													.2	38.2	
TOTAL	.3	52.9	.3	43.3	.0	1.7	.0	1.4	.0	.3	.0	.3	.0	.0	.6	100	3.9

LFK LUFKIN, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LEE LUFKIN, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 93987

NO. OBS.: 424

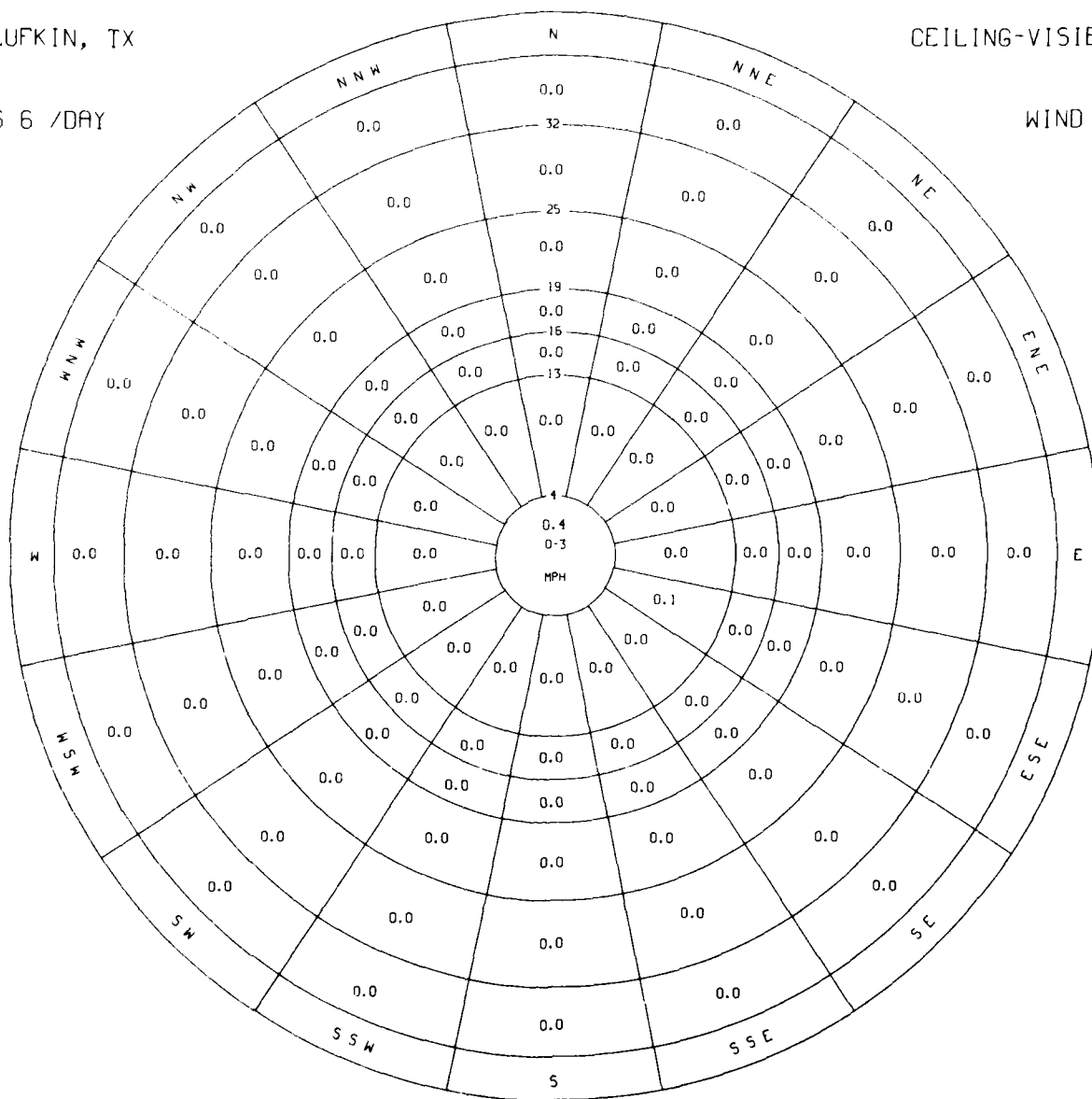
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.5	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.3
NNE	.0	.9	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.0
NE	.0	.2	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.8
ENE	.0	.2	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.1
E	.0	.7	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	6.4
ESE	.0	1.4	.1	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	6.0
SE	.0	1.7	.1	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.2	5.5
SSE	.0	1.7	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	5.8
S	.0	1.2	.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	6.4
SSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.3
SW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.6
WSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	8.6
W	.0	.0	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	9.3
WNW	.0	.2	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.2
NW	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	4.0	7.0
NNW	.0	.7	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.1
CALM	.3	32.3													.3	32.3	
TOTAL	.5	42.7	.6	56.6	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	1.1	100	4.4

LFK LUFKIN, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFK LUFFIN, TX

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 93987

NO. OBS.: 330

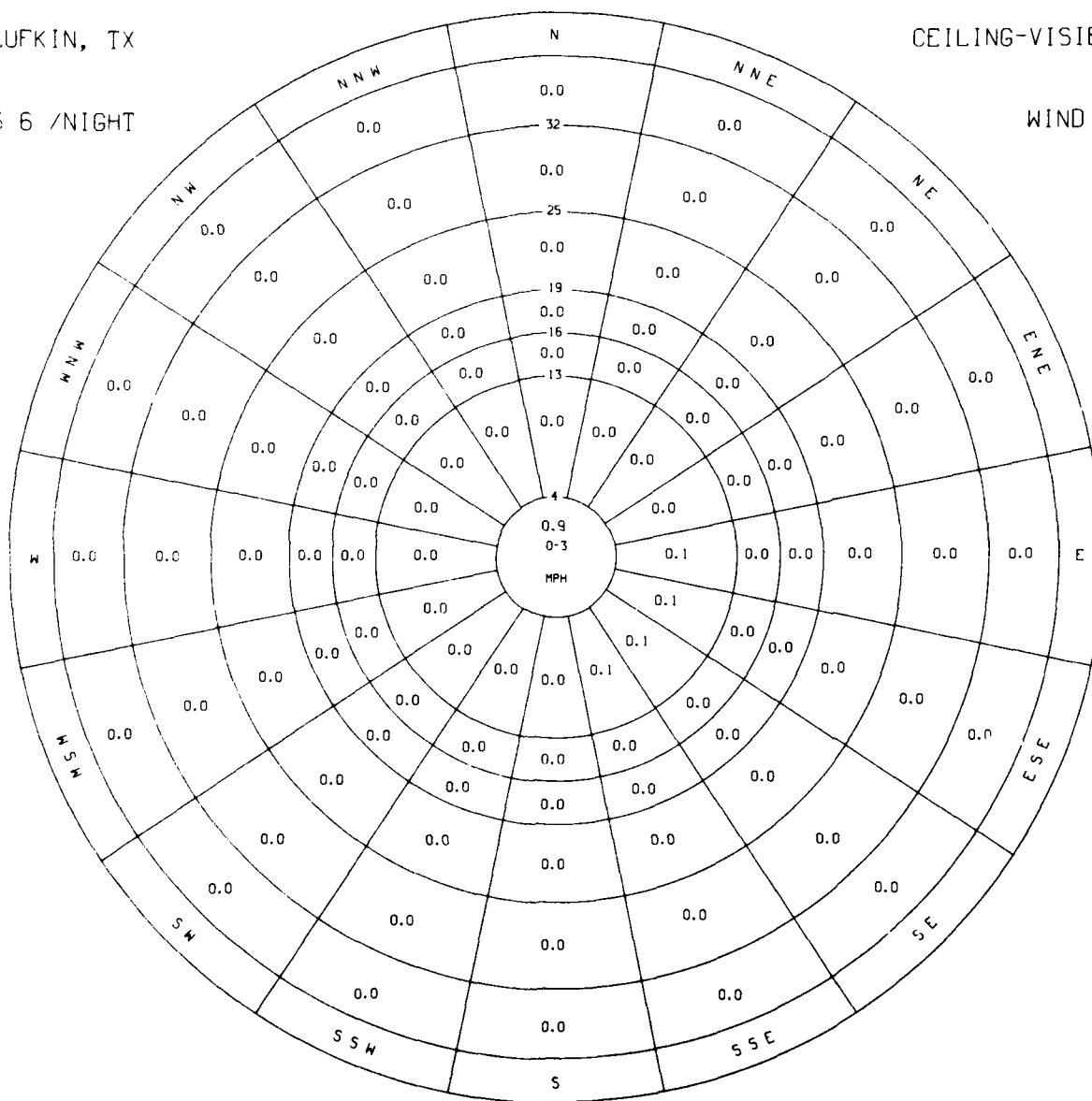
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.8
NNE	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.5
NE	.0	.9	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.3
ENE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.6
E	.0	1.2	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.0
ESE	.0	1.2	.1	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.2	6.0
SE	.0	.9	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.3
SSE	.0	2.1	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	4.5
S	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.4
SSW	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0
SW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
WNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
NW	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.6
NNW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.2
CALM	.4	51.5													.4	51.5	
TOTAL	.4	63.0	.2	36.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.7	100	2.7

LFK LUFKIN, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFK LUFKIN, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 93987

NO. OBS.: 561

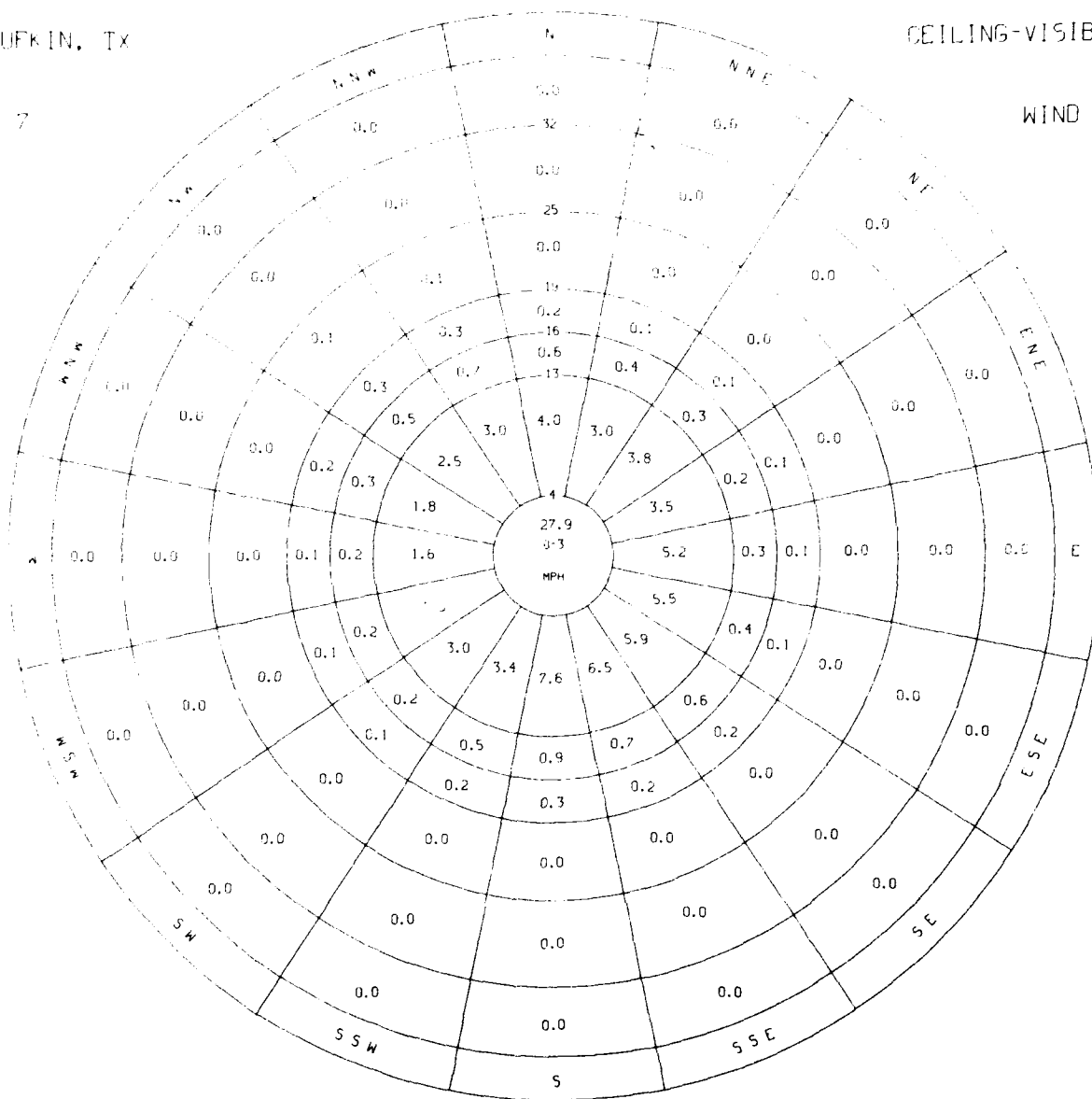
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.5	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.9
NNE	.0	.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.7
NE	.0	.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.8
ENE	.0	.4	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.5
E	.0	1.4	.1	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	5.5
ESE	.0	2.0	.1	5.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	8.0	5.6
SE	.0	2.9	.1	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6	5.5
SSE	.0	1.1	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	5.5
S	.0	.9	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	5.8
SSW	.0	1.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.0
SW	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.9
WSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.5
W	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
WNW	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.7
NW	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.7
NNW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.3
CALM	.7	47.1													.7	47.1	
TOTAL	.9	60.6	.6	39.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	1.4	100	3.0

LFK LUFKIN, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

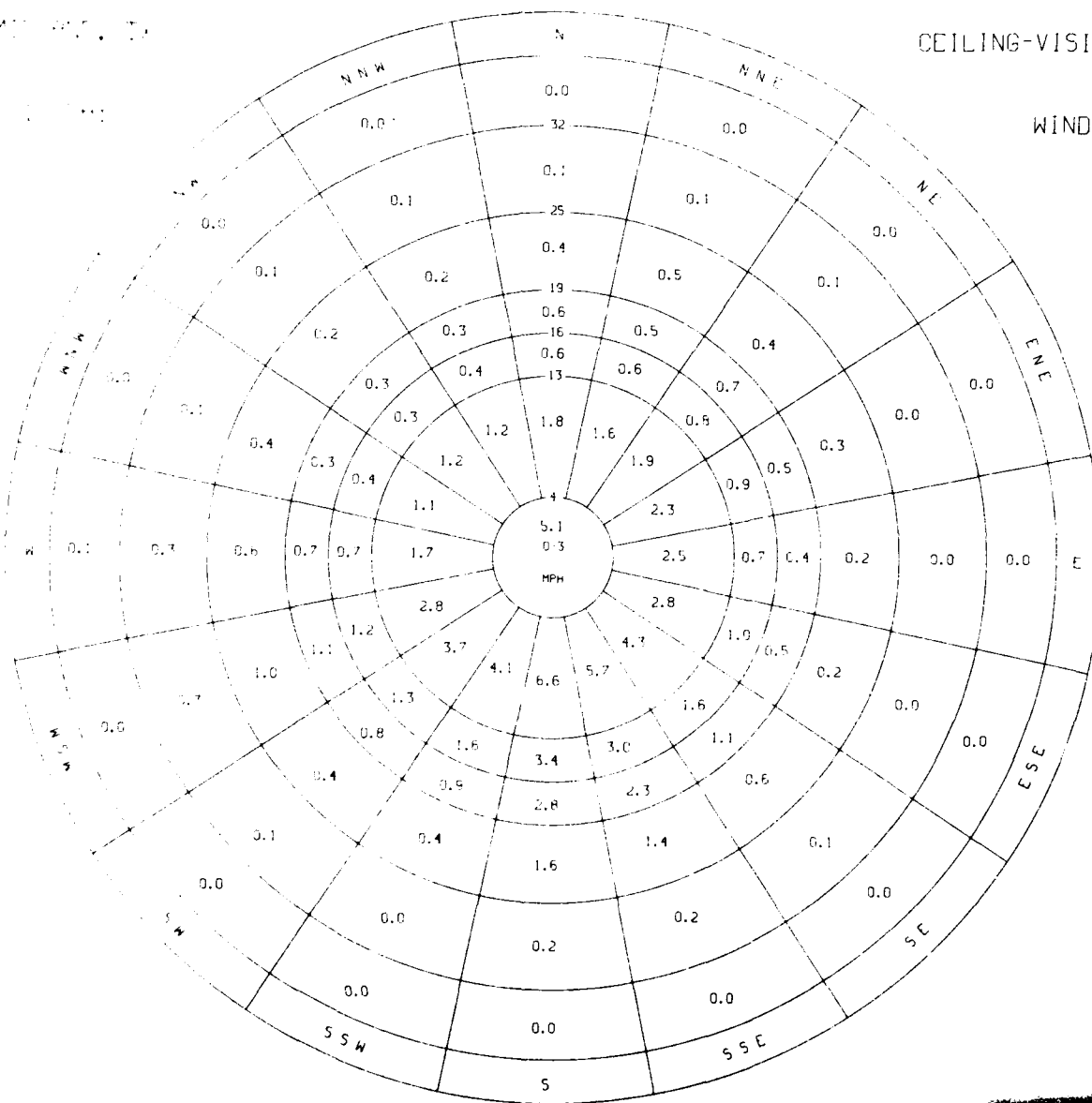


NEW YORK, N.Y.

11/1/54

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:MAF MIDLAND, TX

PERIOD:1949-1978

CLASS 1 / DAY

STATION NUMBER:23023

NO. OBS.: 39098

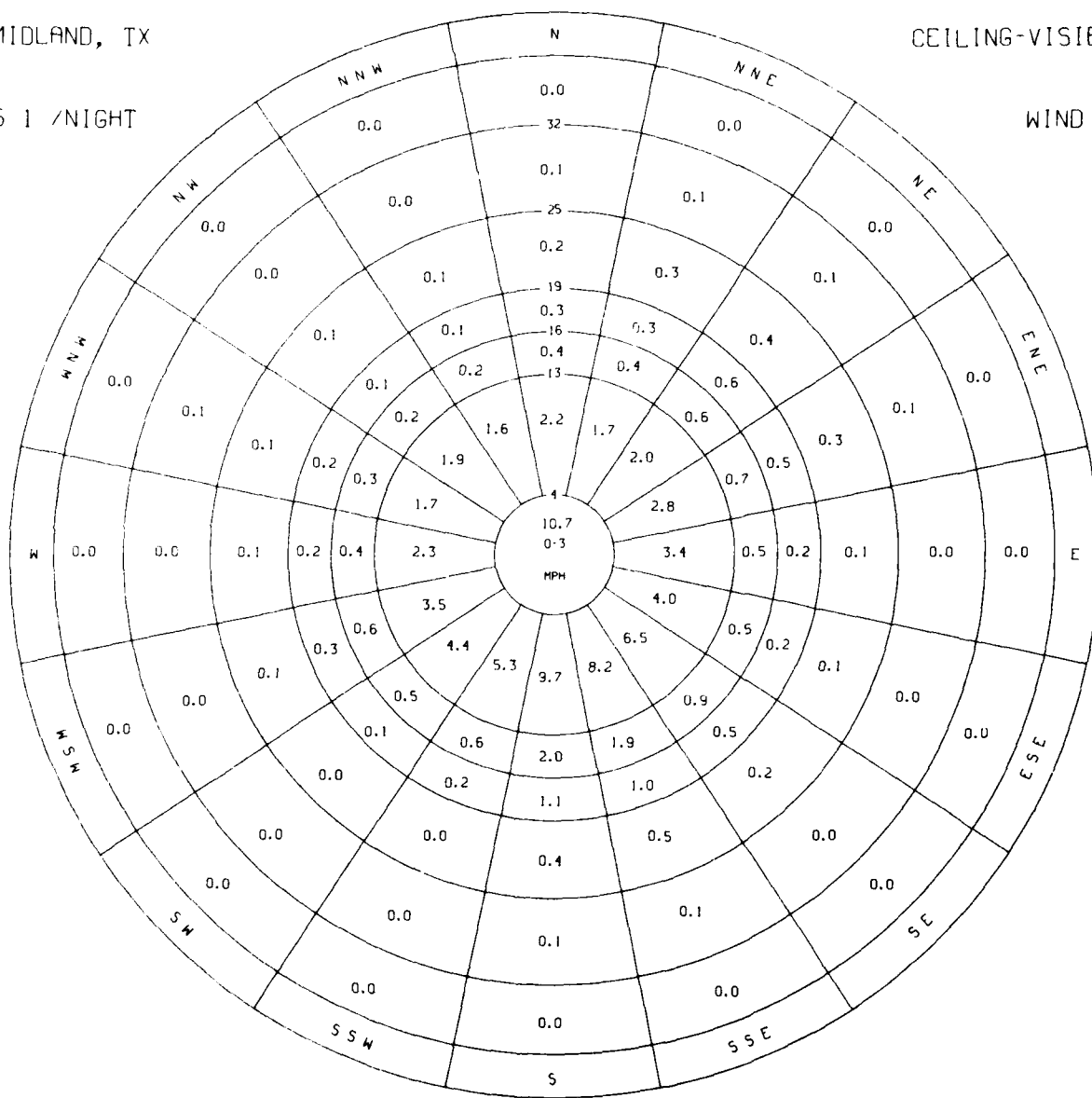
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	.2	1.8	1.9	.6	.6	.6	.7	.4	.4	.1	.1	.0	.0	3.6	3.9	12.4
NNE	.1	.1	1.6	1.7	.6	.6	.5	.6	.5	.5	.1	.1	.0	.0	3.4	3.6	13.3
NE	.1	.2	1.9	2.1	.8	.9	.7	.7	.4	.5	.1	.1	.0	.0	4.1	4.4	12.8
ENE	.1	.1	2.3	2.5	.9	1.0	.5	.6	.3	.3	.0	.0	.0	.0	4.2	4.5	11.7
E	.1	.1	2.5	2.7	.7	.8	.4	.4	.2	.2	.0	.0	.0	.0	4.0	4.3	10.8
ESE	.2	.2	2.8	3.0	1.0	1.0	.5	.6	.2	.2	.0	.0	.0	.0	4.7	5.1	11.2
SE	.3	.3	4.3	4.6	1.6	1.7	1.1	1.1	.6	.6	.1	.1	.0	.0	7.8	8.4	11.8
SSE	.2	.2	5.7	6.1	3.0	3.2	2.3	2.5	1.4	1.5	.2	.2	.0	.0	12.8	13.7	13.1
S	.3	.3	6.6	7.1	3.4	3.7	2.8	3.0	1.6	1.7	.2	.2	.0	.0	14.8	15.9	13.0
SSW	.2	.2	4.1	4.4	1.6	1.7	.9	1.0	.4	.4	.0	.0	.0	.0	7.2	7.7	11.6
SW	.2	.2	3.7	3.9	1.3	1.4	.8	.9	.4	.5	.1	.1	.0	.0	6.4	6.9	11.7
WSW	.1	.1	2.8	3.0	1.2	1.3	1.1	1.2	1.0	1.1	.3	.3	.0	.0	6.5	7.0	14.0
W	.1	.1	1.7	1.8	.7	.7	.7	.8	.6	.6	.3	.3	.1	.1	4.2	4.5	14.4
WNW	.1	.1	1.1	1.2	.4	.5	.3	.4	.4	.4	.1	.1	.0	.0	2.6	2.8	13.7
NW	.1	.1	1.2	1.3	.3	.4	.3	.3	.2	.2	.1	.1	.0	.0	2.2	2.4	11.8
NNW	.1	.1	1.2	1.3	.4	.4	.3	.3	.2	.2	.1	.1	.0	.0	2.1	2.3	11.7
CALM	2.6	2.8													2.6	2.8	
TOTAL	5.1	5.5	45.2	48.5	18.4	19.8	13.8	14.8	8.7	9.3	1.8	1.9	.2	.2	93.2	100	12.2

MAF MIDLAND, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 24023

NO. OBS.: 31459

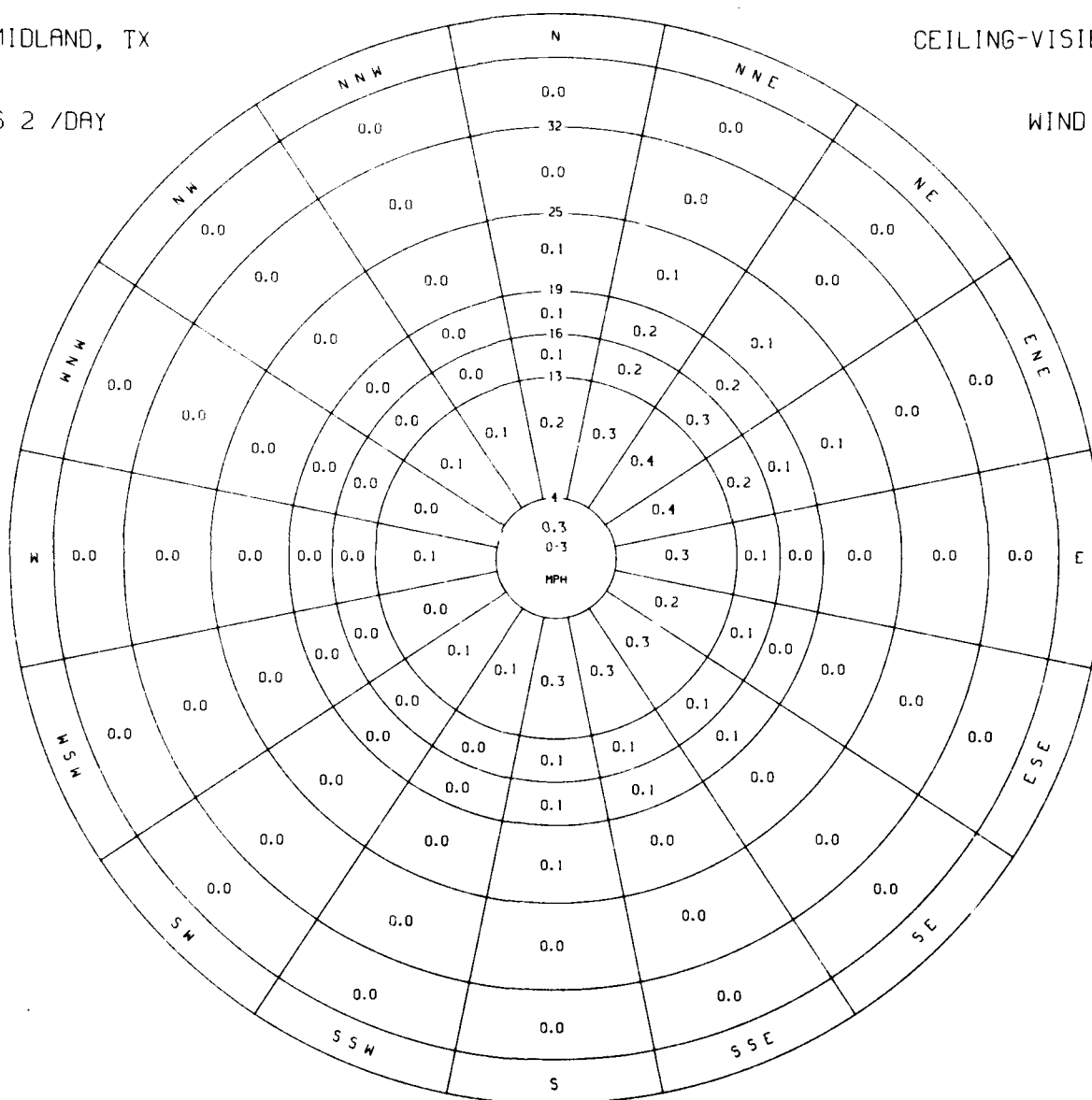
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.3	2.2	2.4	.4	.4	.3	.3	.2	.2	.1	.1	.0	.0	3.5	3.8	10.4
NNI	.1	.1	1.7	1.8	.4	.5	.3	.3	.3	.4	.1	.1	.0	.0	2.9	3.2	12.0
NE	.2	.2	2.0	2.2	.6	.7	.6	.6	.4	.4	.1	.1	.0	.0	4.0	4.3	12.1
E NE	.1	.1	2.8	3.0	.7	.8	.5	.5	.3	.3	.1	.1	.0	.0	4.5	4.8	11.3
E	.2	.2	3.4	3.6	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	4.4	4.8	9.4
ESE	.3	.3	4.0	4.3	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	5.1	5.5	8.9
SE	.7	.7	6.5	7.1	.9	1.0	.5	.5	.2	.2	.0	.0	.0	.0	8.8	9.5	8.9
SSE	.5	.6	8.2	8.9	1.9	2.0	1.0	1.1	.5	.6	.1	.1	.0	.0	12.2	13.2	10.4
S	.7	.7	9.7	10.5	2.0	2.2	1.1	1.2	.4	.4	.1	.1	.0	.0	14.0	15.2	9.9
SSW	.4	.4	5.3	5.7	.6	.6	.2	.2	.0	.1	.0	.0	.0	.0	6.4	6.9	8.6
SW	.5	.5	4.4	4.8	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	5.5	6.0	8.4
WSW	.3	.3	3.5	3.8	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	4.8	5.2	9.6
W	.3	.3	2.3	2.5	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.4	3.7	9.5
WNW	.1	.2	1.7	1.9	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	2.5	2.7	9.9
NW	.2	.2	1.9	2.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.5	2.7	8.9
NNW	.2	.2	1.6	1.7	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.2	2.4	9.3
CALM	5.7	6.2													5.7	6.2	
TOTAL	10.7	11.6	61.2	66.2	10.7	11.6	5.9	6.4	3.3	3.5	.6	.7	.1	.1	92.5	100	9.2

MAF MIDLAND, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:MAF MIDLAND, TX

PERIOD:1949-1978

CLASS 2 / DAY

STATION NUMBER:23023

NO. OBS.: 2863

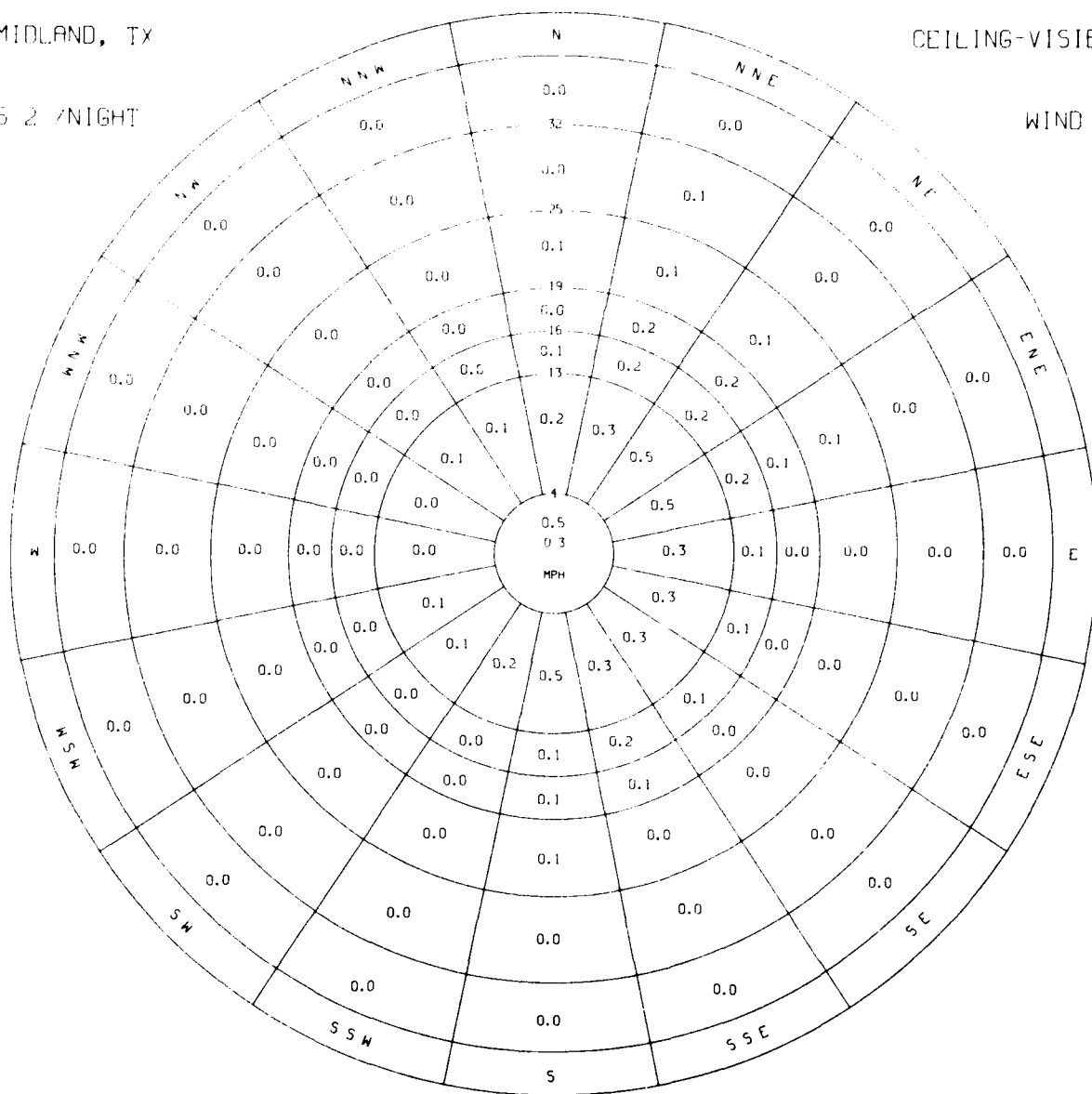
D : R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	P	A	B	A	B	A	B		C	D
N	.0	.2	.2	2.6	.1	1.1	.1	1.1	.1	1.5	.0	.3	.0	.1	.5	7.1	14.8
NNE	.0	.2	.3	5.1	.2	2.8	.2	2.4	.1	2.1	.0	.4	.0	.1	.9	13.1	14.2
NE	.0	.3	.4	6.4	.3	4.4	.2	3.6	.1	1.7	.0	.4	.0	.1	1.1	16.8	13.9
ENE	.0	.1	.4	5.9	.2	2.4	.1	1.4	.1	.8	.0	.1	.0	.0	.7	10.7	12.4
E	.0	.1	.3	4.6	.1	1.7	.0	.7	.0	.4	.0	.0	.0	.0	.5	7.5	11.3
ESE	.0	.1	.2	3.5	.1	1.2	.0	.3	.0	.2	.0	.0	.0	.0	.4	5.4	11.0
SE	.0	.2	.3	3.7	.1	1.2	.1	.8	.0	.1	.0	.0	.0	.0	.4	6.1	11.2
SSE	.0	.2	.3	3.8	.1	1.5	.1	1.4	.0	.6	.0	.0	.0	.0	.5	7.6	12.2
S	.0	.2	.3	4.5	.1	1.7	.1	1.8	.1	1.0	.0	.1	.0	.0	.6	9.3	12.8
SSW	.0	.1	.1	2.0	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.2	2.9	10.4
SW	.0	.0	.1	1.1	.0	.3	.0	.0	.0	.2	.0	.1	.0	.0	.1	1.7	12.1
WSW	.0	.1	.0	.6	.0	.1	.0	.2	.0	.5	.0	.3	.0	.1	.1	2.0	16.9
W	.0	.2	.1	.8	.0	.0	.0	.2	.0	.2	.0	.1	.0	.2	.1	1.7	15.1
WNW	.0	.0	.0	.7	.0	.1	.0	.1	.0	.2	.0	.1	.0	.1	.1	1.3	15.9
NW	.0	.1	.1	1.1	.0	.1	.0	.1	.0	.3	.0	.1	.0	.1	.1	1.9	13.4
NNW	.0	.2	.1	1.2	.0	.3	.0	.5	.0	.4	.0	.2	.0	.0	.2	2.9	13.9
CALM	.1	2.1													.1	2.1	
TOTAL	.3	4.3	3.3	47.7	1.3	19.3	1.0	14.8	.7	10.5	.2	2.4	.1	.9	6.8	100	12.8

MAF MIDLAND, TX

CLASS 2 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23023

NO. OBS.: 2541

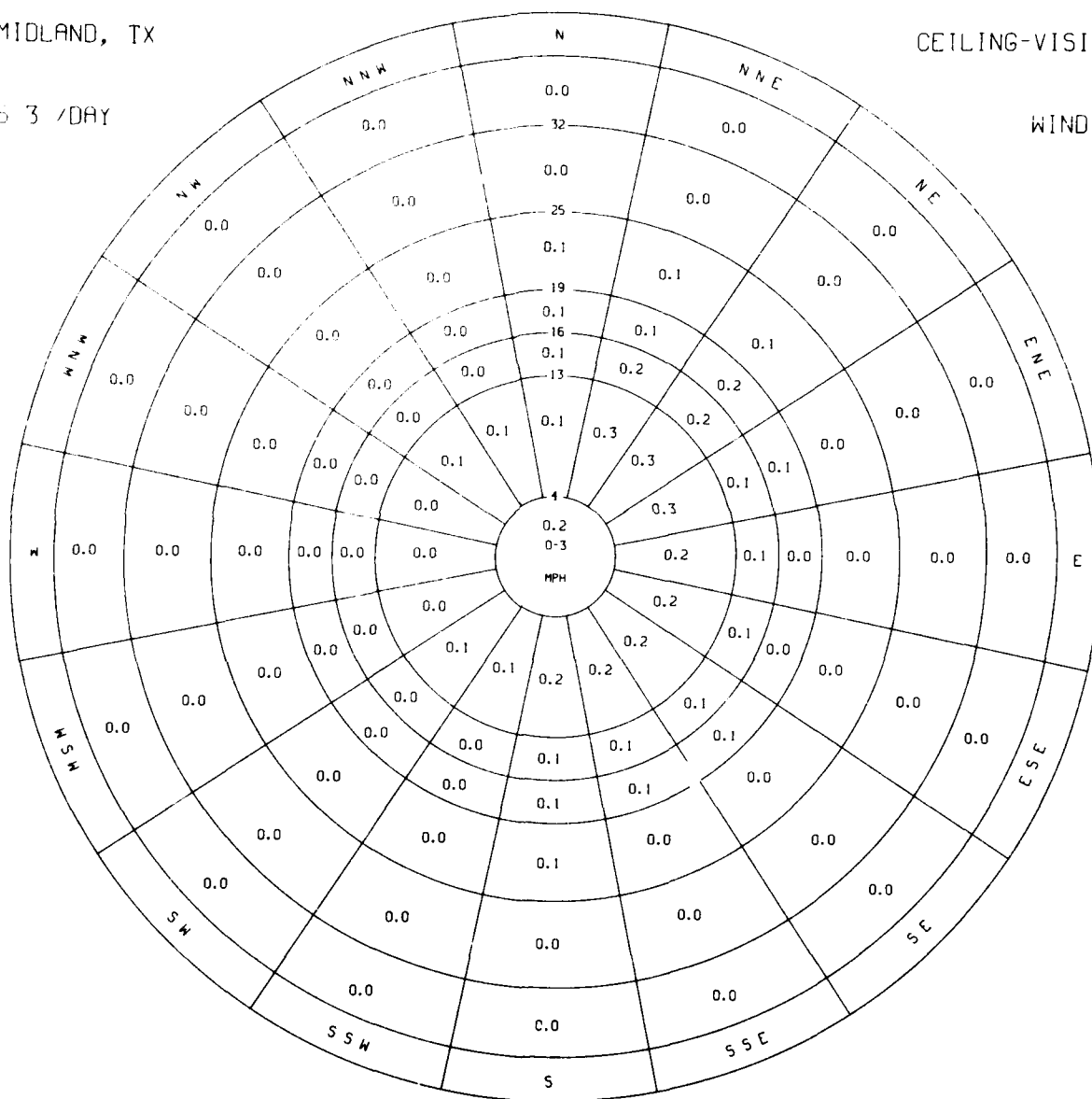
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.2	2.8	.1	1.0	.0	.6	.1	1.0	.0	.1	.0	.1	.5	6.3	13.3
NNE	.0	.2	.3	4.5	.2	2.1	.2	2.4	.1	1.5	.1	.7	.0	.1	.9	11.5	14.4
NE	.0	.3	.5	6.9	.2	3.0	.2	2.6	.1	1.5	.0	.5	.0	.0	1.1	14.7	13.2
ENE	.0	.3	.5	6.5	.2	3.2	.1	1.6	.1	.7	.0	.1	.0	.1	.9	12.4	12.3
E	.0	.3	.3	4.7	.1	1.2	.0	.7	.0	.4	.0	.1	.0	.0	.6	7.4	10.9
ESE	.0	.2	.3	4.2	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.4	5.5	9.9
SE	.0	.2	.3	4.5	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	.5	6.1	9.6
SSE	.0	.1	.3	4.2	.2	2.1	.1	1.7	.0	.6	.0	.0	.0	.0	.6	8.6	12.7
S	.0	.0	.5	6.2	.1	1.8	.1	1.7	.1	1.3	.0	.0	.0	.0	.8	11.1	12.2
SSW	.0	.2	.2	2.8	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.6	9.1
SW	.0	.1	.1	1.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.2	8.7
WSW	.0	.4	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	7.0
W	.0	.2	.0	.6	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.1	1.1	11.3
WNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.1	.9	16.2
NW	.0	.1	.1	1.0	.0	.2	.0	.1	.0	.2	.0	.3	.0	.0	.1	2.0	13.0
NNW	.0	.4	.1	1.1	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.1	2.0	10.9
CALM	.2	3.3													.2	3.3	
TOTAL	.5	6.6	3.9	52.8	1.3	17.4	.9	12.3	.6	7.8	.2	2.5	.0	.5	7.5	100	11.7

MAF MIDLAND, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 23023

NO. OBS.: 2301

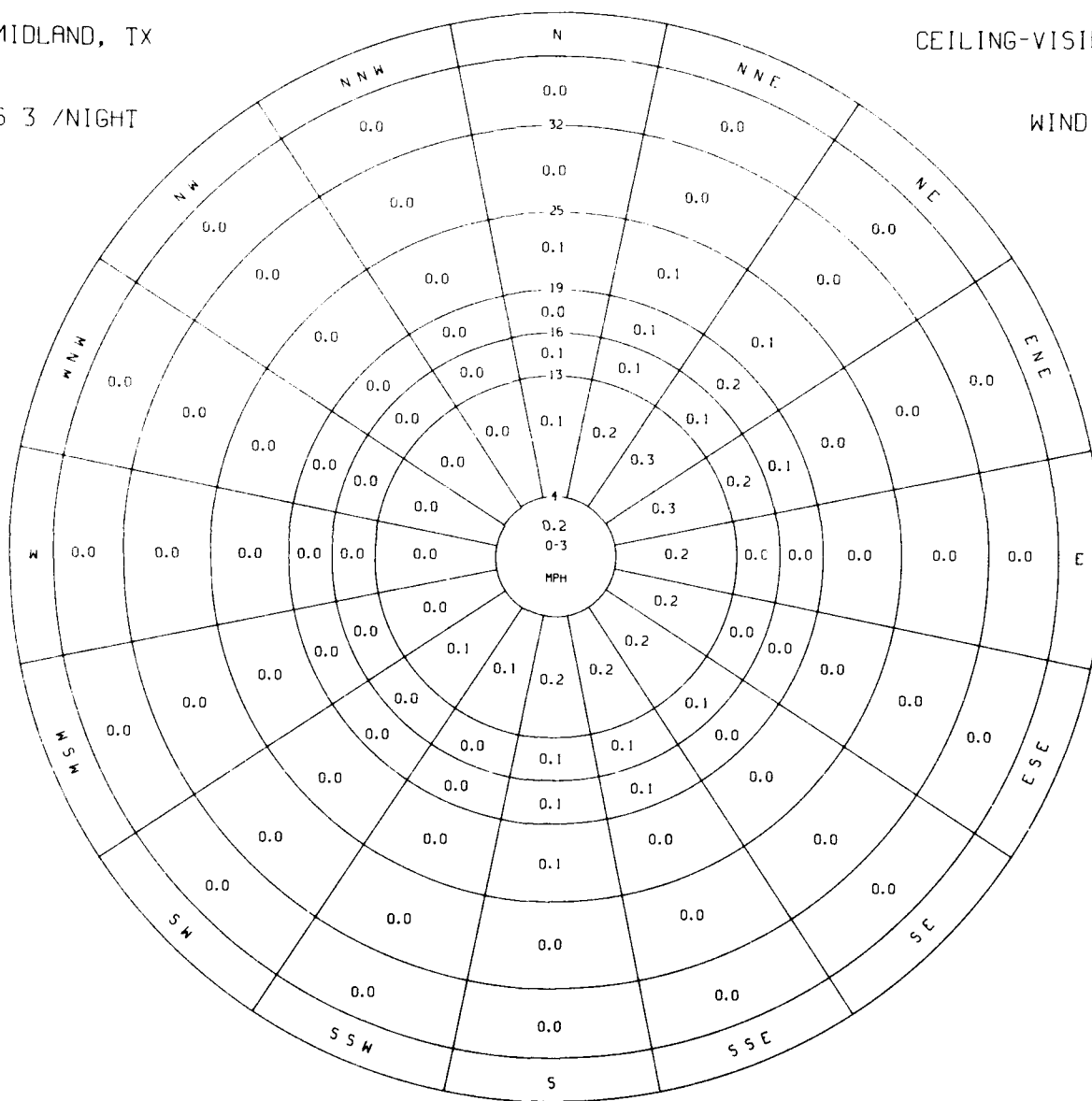
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.1	2.6	.1	1.2	.1	1.3	.1	1.8	.0	.3	.0	.2	.4	7.6	15.3
NNE	.0	.1	.3	5.1	.2	2.9	.1	2.7	.1	2.2	.0	.5	.0	.1	.7	13.6	14.4
NE	.0	.2	.3	6.0	.2	4.3	.2	3.6	.1	1.8	.0	.4	.0	.1	.9	16.3	14.2
ENE	.0	.1	.3	5.2	.1	2.6	.1	1.4	.0	.9	.0	.1	.0	.0	.6	10.2	12.8
E	.0	.1	.2	4.2	.1	1.6	.0	.6	.0	.4	.0	.0	.0	.0	.4	6.9	11.5
ESE	.0	.0	.2	3.3	.1	1.3	.0	.3	.0	.3	.0	.0	.0	.0	.3	5.2	11.2
SE	.0	.2	.2	3.6	.1	1.3	.1	.9	.0	.2	.0	.0	.0	.0	.3	6.3	11.6
SSE	.0	.2	.2	3.9	.1	1.7	.1	1.7	.0	.8	.0	.0	.0	.0	.5	8.3	12.8
S	.0	.1	.2	4.2	.1	1.8	.1	2.0	.1	1.2	.0	.1	.0	.0	.5	9.4	13.5
SSW	.0	.1	.1	1.8	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.1	2.7	10.8
SW	.0	.0	.1	.9	.0	.3	.0	.0	.0	.2	.0	.1	.0	.0	.1	1.6	13.3
WSW	.0	.0	.0	.6	.0	.1	.0	.2	.0	.5	.0	.3	.0	.0	.1	1.9	17.2
W	.0	.2	.0	.8	.0	.0	.0	.2	.0	.3	.0	.1	.0	.3	.1	2.0	16.1
WNW	.0	.0	.0	.5	.0	.1	.0	.1	.0	.3	.0	.1	.0	.1	.1	1.2	17.1
NW	.0	.1	.1	1.1	.0	.1	.0	.2	.0	.3	.0	.1	.0	.0	.1	1.8	12.5
NNW	.0	.1	.1	1.4	.0	.4	.0	.5	.0	.5	.0	.2	.0	.0	.2	3.1	13.8
CALM	.1	1.8													.1	1.8	
TOTAL	.2	3.6	2.5	45.1	1.1	20.0	.9	16.0	.7	11.9	.1	2.5	.0	.9	5.5	100	13.2

MAF MIDLAND, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 23023

NO. OBS.: 1630

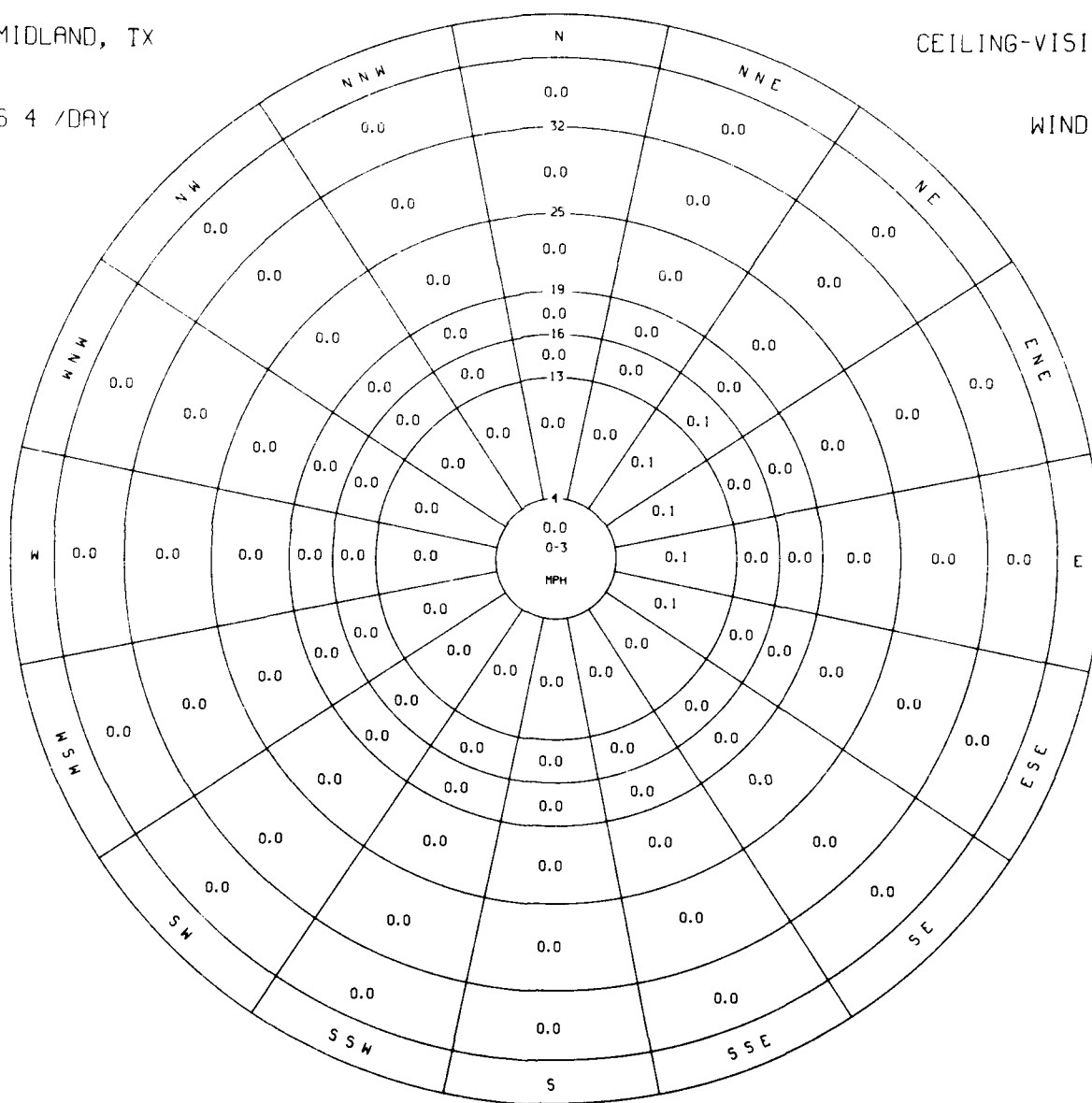
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.1	2.5	.1	1.3	.0	.8	.1	1.3	.0	.5	.0	.2	.3	6.7	14.7
NNE	.0	.1	.2	4.9	.1	2.7	.1	2.9	.1	2.0	.0	1.0	.0	.2	.7	13.8	15.0
NE	.0	.4	.3	6.6	.1	2.9	.2	3.3	.1	1.7	.0	.5	.0	.0	.7	15.4	13.6
ENE	.0	.2	.3	6.3	.2	3.3	.1	1.6	.0	.9	.0	.1	.0	.1	.6	12.4	12.6
E	.0	.2	.2	4.4	.0	.9	.0	.9	.0	.4	.0	.2	.0	.0	.3	6.9	11.4
ESE	.0	.2	.2	3.7	.0	.9	.0	.2	.0	.2	.0	.1	.0	.0	.2	5.2	10.4
SE	.0	.1	.2	4.1	.1	1.1	.0	.5	.0	.1	.0	.0	.0	.0	.3	6.0	10.1
SSE	.0	.0	.2	4.0	.1	2.4	.1	2.0	.0	.7	.0	.1	.0	.0	.4	9.3	13.2
S	.0	.1	.2	4.9	.1	2.1	.1	2.1	.1	2.0	.0	.1	.0	.0	.5	11.3	13.7
SSW	.0	.1	.1	1.6	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1	2.3	10.6
SW	.0	.1	.1	1.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.7	9.3
WSW	.0	.1	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	3.6
W	.0	.2	.0	.4	.0	.1	.0	.1	.0	.2	.0	.0	.0	.1	.0	1.0	14.0
WNW	.0	.1	.0	.5	.0	.0	.0	.1	.0	.0	.0	.2	.0	.1	.0	.9	15.0
NW	.0	.0	.0	1.0	.0	.3	.0	.2	.0	.3	.0	.5	.0	.0	.1	2.3	14.8
NNW	.0	.3	.0	1.0	.0	.3	.0	.1	.0	.2	.0	.2	.0	.1	.1	2.1	12.9
CALM	.1	1.9													.1	1.9	
TOTAL	.2	4.2	2.3	47.6	.9	19.0	.7	15.2	.5	10.1	.2	3.3	.0	.6	4.8	100	12.8

MAF MIDLAND, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 23023

NO. OBS.: 367

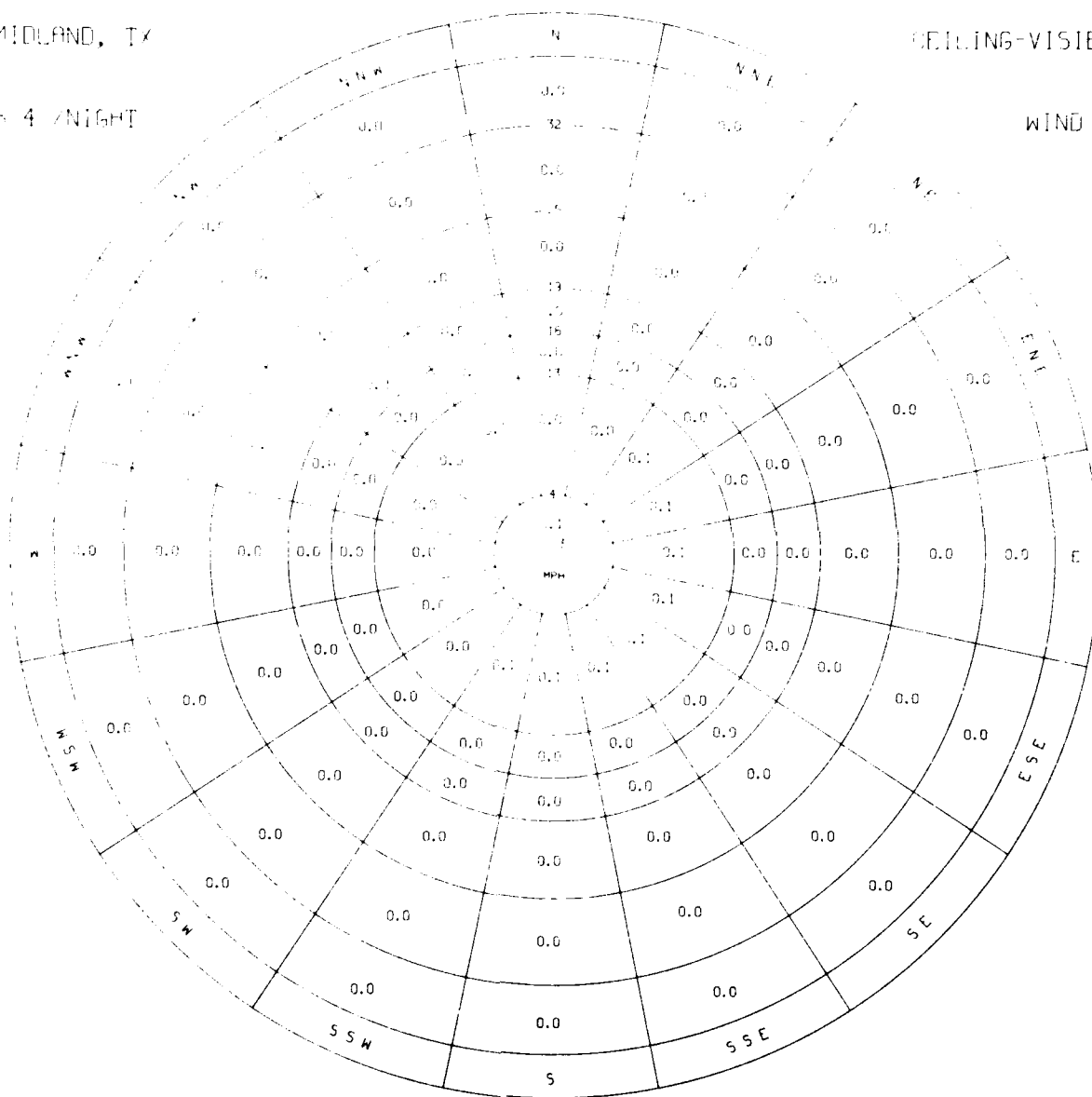
D I R E C T I O N	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.0	3.0	.0	1.4	.0	.3	.0	.5	.0	.3	.0	.0	.1	5.7	12.4
NNE	.0	.0	.0	5.4	.0	1.9	.0	2.5	.0	2.5	.0	.0	.0	.3	.1	12.5	14.1
NE	.0	.3	.1	8.2	.1	6.0	.0	4.1	.0	1.9	.0	.0	.0	.0	.2	20.4	13.4
ENE	.0	.0	.1	7.9	.0	1.6	.0	1.6	.0	.8	.0	.3	.0	.0	.1	12.3	11.5
E	.0	.3	.1	7.4	.0	2.2	.0	1.1	.0	.3	.0	.0	.0	.0	.1	11.2	11.0
ESE	.0	.3	.1	5.7	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.3	.1	7.9	10.5
SE	.0	.0	.0	4.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	9.2
SSE	.0	.0	.0	2.7	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.3	8.9
S	.0	.5	.0	2.5	.0	1.9	.0	.8	.0	.3	.0	.0	.0	.0	.1	6.0	11.9
SSW	.0	.0	.0	1.9	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	2.5	9.5
SW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	10.0
WSW	.0	.3	.0	.8	.0	.3	.0	.5	.0	.3	.0	.3	.0	.0	.0	2.5	13.8
W	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.7
WNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.6	12.3
NW	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.3	.0	.5	.0	.5	.0	3.0	18.3
NNW	.0	.3	.0	.8	.0	.0	.0	.5	.0	.0	.0	.3	.0	.3	.0	2.2	15.0
CALM	.0	1.9													.0	1.9	
TOTAL	.0	4.6	.5	55.3	.2	17.7	.1	12.3	.1	6.8	.0	1.6	.0	1.6	.9	100	12.0

MAF MIDLAND, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 23023

NO. OBS.: 471

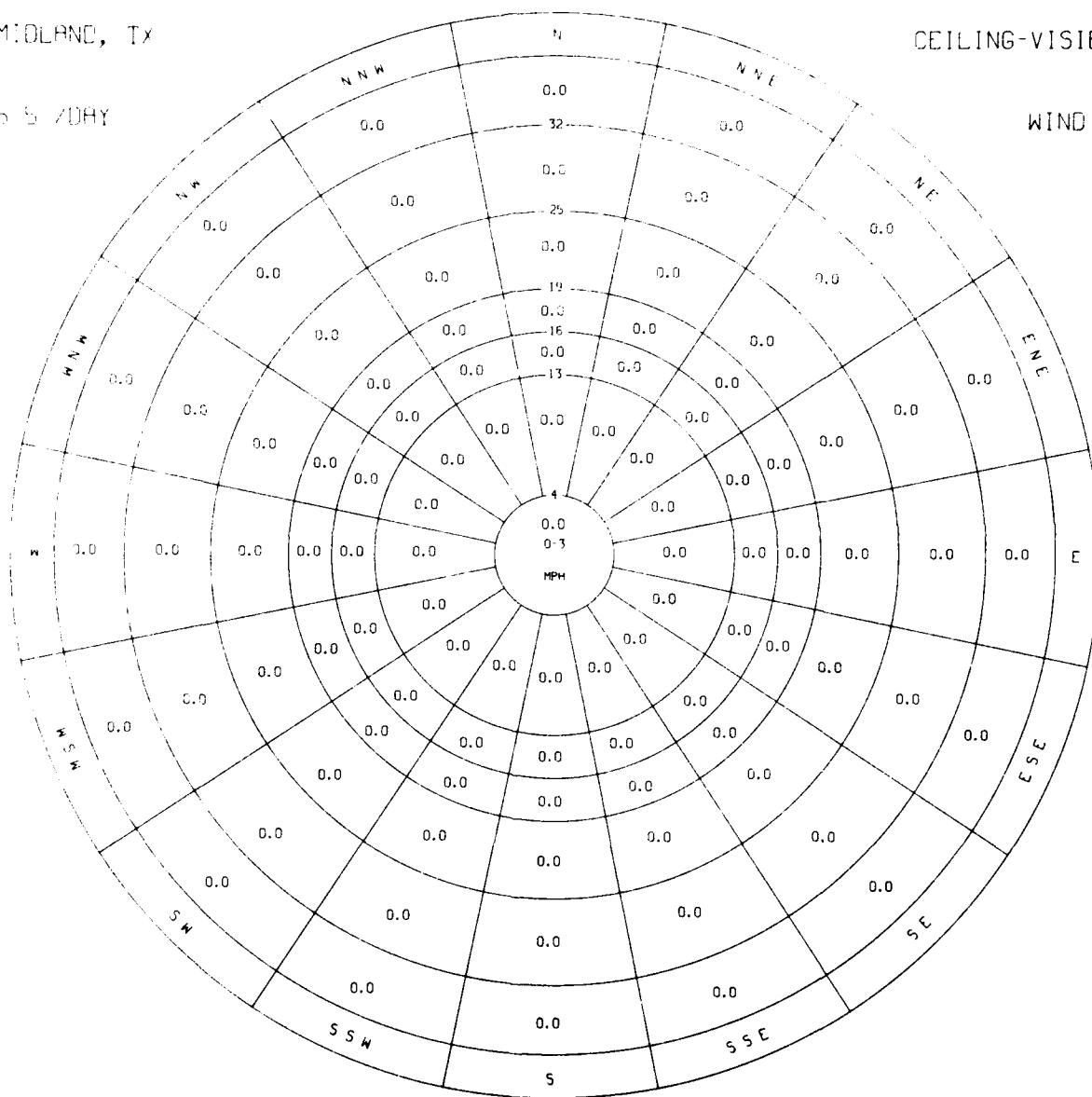
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.6	.0	3.6	.0	.8	.0	.4	.0	.8	.0	.2	.0	.0	.1	6.6	11.2
NNE	.0	.2	.0	3.6	.0	1.5	.0	1.5	.0	1.1	.0	.2	.0	.0	.1	8.1	13.2
NE	.0	.2	.1	8.7	.0	3.6	.0	1.5	.0	1.3	.0	.8	.0	.0	.2	16.1	12.8
ENE	.0	.4	.1	6.8	.0	3.2	.0	2.1	.0	.6	.0	.0	.0	.2	.2	13.4	12.4
E	.0	.4	.1	6.6	.0	1.5	.0	.2	.0	.6	.0	.0	.0	.0	.1	9.3	10.4
ESE	.0	.0	.1	6.6	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.1	7.2	9.1
SE	.0	.2	.1	5.7	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.1	7.0	9.6
SSE	.0	.0	.1	5.5	.0	1.7	.0	1.3	.0	.4	.0	.0	.0	.0	.1	8.9	11.9
S	.0	.0	.1	4.5	.0	1.7	.0	1.3	.0	.0	.0	.0	.0	.0	.1	7.4	11.4
SSW	.0	.2	.1	4.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	8.2
SW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.8
WSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
W	.0	.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.4
WNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	1.1	18.6
NW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
NNW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.8
CALM	.1	4.0													.1	4.0	
TOTAL	.1	6.6	.9	62.4	.2	15.3	.1	8.9	.1	4.9	.0	1.5	.0	.4	1.4	100	10.7

MAF MIDLAND, TX

CLASS B / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:MAF MIDLAND, TX

PERIOD:1949-1950

CLASS 5 / DAY

STATION NUMBER:23023

NO. OBS.: 5

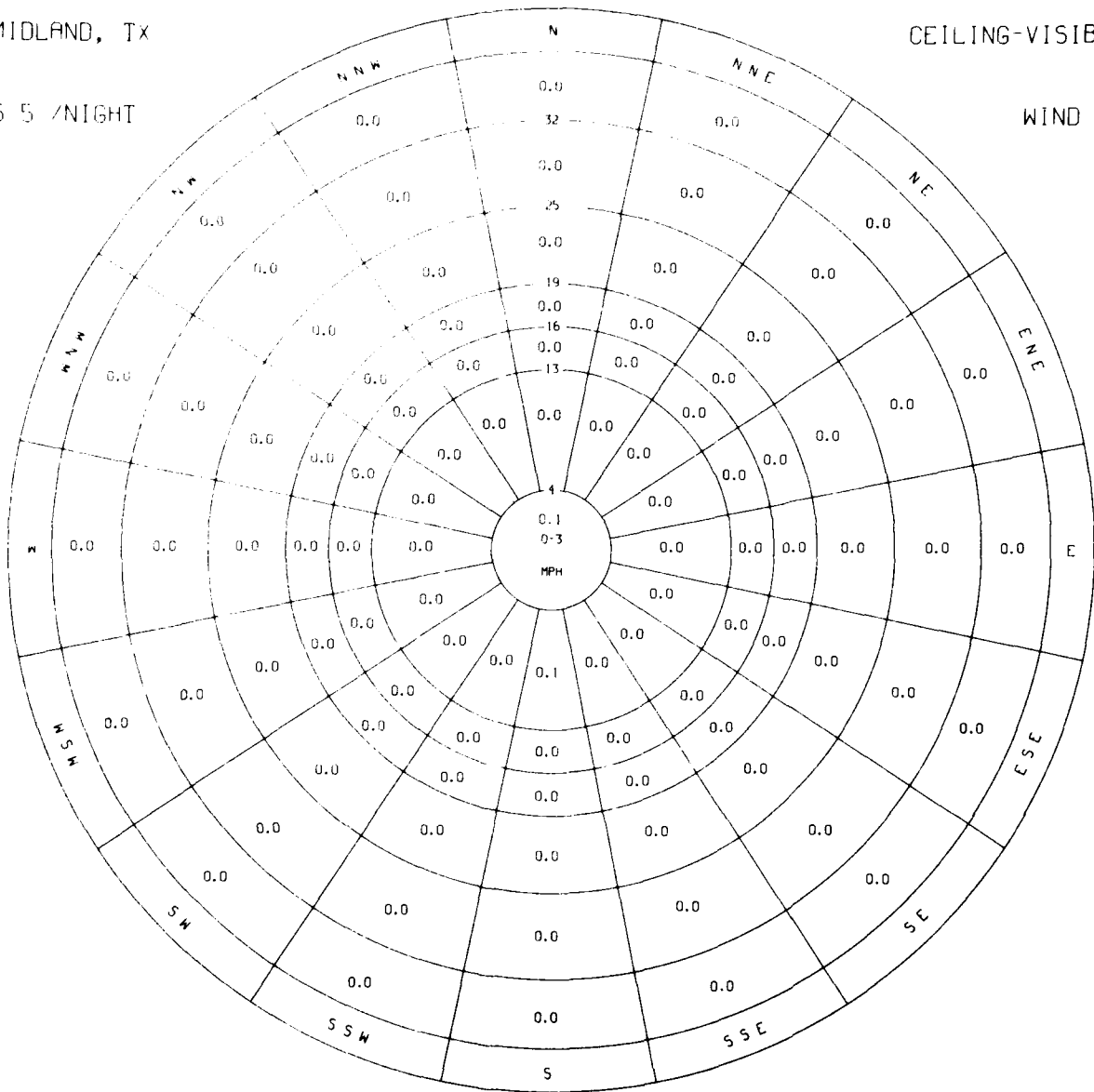
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.0
NNE	.0	1.0	.0	6.1	.0	3.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	11.1	11.6
NE	.0	.0	.0	8.1	.0	3.0	.0	5.1	.0	2.0	.0	1.0	.0	.0	.0	19.2	14.0
ENE	.0	.0	.0	10.1	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	13.1	10.1
E	.0	.0	.0	7.1	.0	4.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	12.1	11.1
ESE	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.7
SE	.0	1.0	.0	4.0	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	8.1	10.3
SSE	.0	1.0	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	9.5
S	.0	.0	.0	10.1	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	12.1	8.9
SSW	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.3
SW	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	9.5
WSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	12.0
W	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	26.0
NW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.5
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	30.0
CALM	.0	3.0													.0	3.0	
TOTAL	.0	7.1	.1	59.6	.0	18.2	.0	9.1	.0	3.0	.0	3.0	.0	.0	.2	100	10.6

MAF MIDLAND, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 5 NIGHT

STATION NUMBER: 23023

NO. OBS.: 200

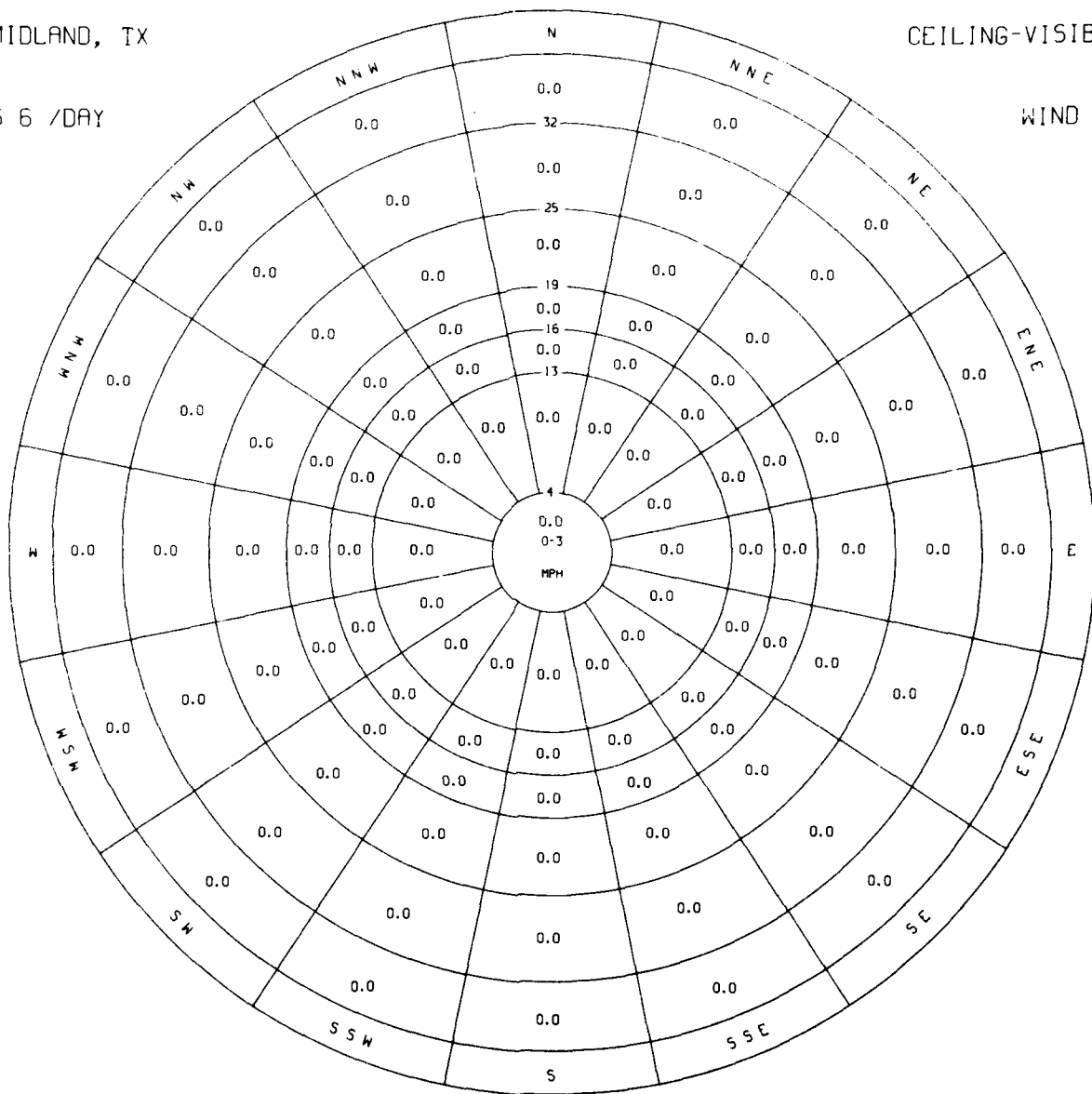
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	3.5	10.6
NNE	.0	.5	.0	4.5	.0	1.0	.0	1.0	.0	.5	.0	.5	.0	.0	.0	8.0	11.7
NE	.0	.0	.0	8.0	.0	4.0	.0	2.0	.0	.0	.0	.0	.0	.0	.1	14.0	11.8
ENE	.0	.5	.0	7.5	.0	4.5	.0	1.0	.0	.5	.0	.0	.0	.0	.1	14.0	11.2
E	.0	1.5	.0	3.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	9.7
ESE	.0	.0	.0	4.0	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	6.0	10.8
SE	.0	.5	.0	6.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	8.1
SSE	.0	.0	.0	2.0	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	4.5	12.3
S	.0	.0	.1	10.0	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.1	12.0	9.2
SSW	.0	.0	.0	3.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	8.6
SW	.0	.0	.0	1.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	2.5	10.8
WSW	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0
W	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	1.5	11.3
WNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	1.0	23.5
NW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	1.5	10.7
NNW	.0	.5	.0	.5	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.5	8.3
CALM	.0	6.0													.0	6.0	
TOTAL	.1	11.0	.3	58.0	.1	20.5	.0	7.0	.0	2.0	.0	1.0	.0	.5	.6	100	9.8

MAF MIDLAND, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 6 / DAY

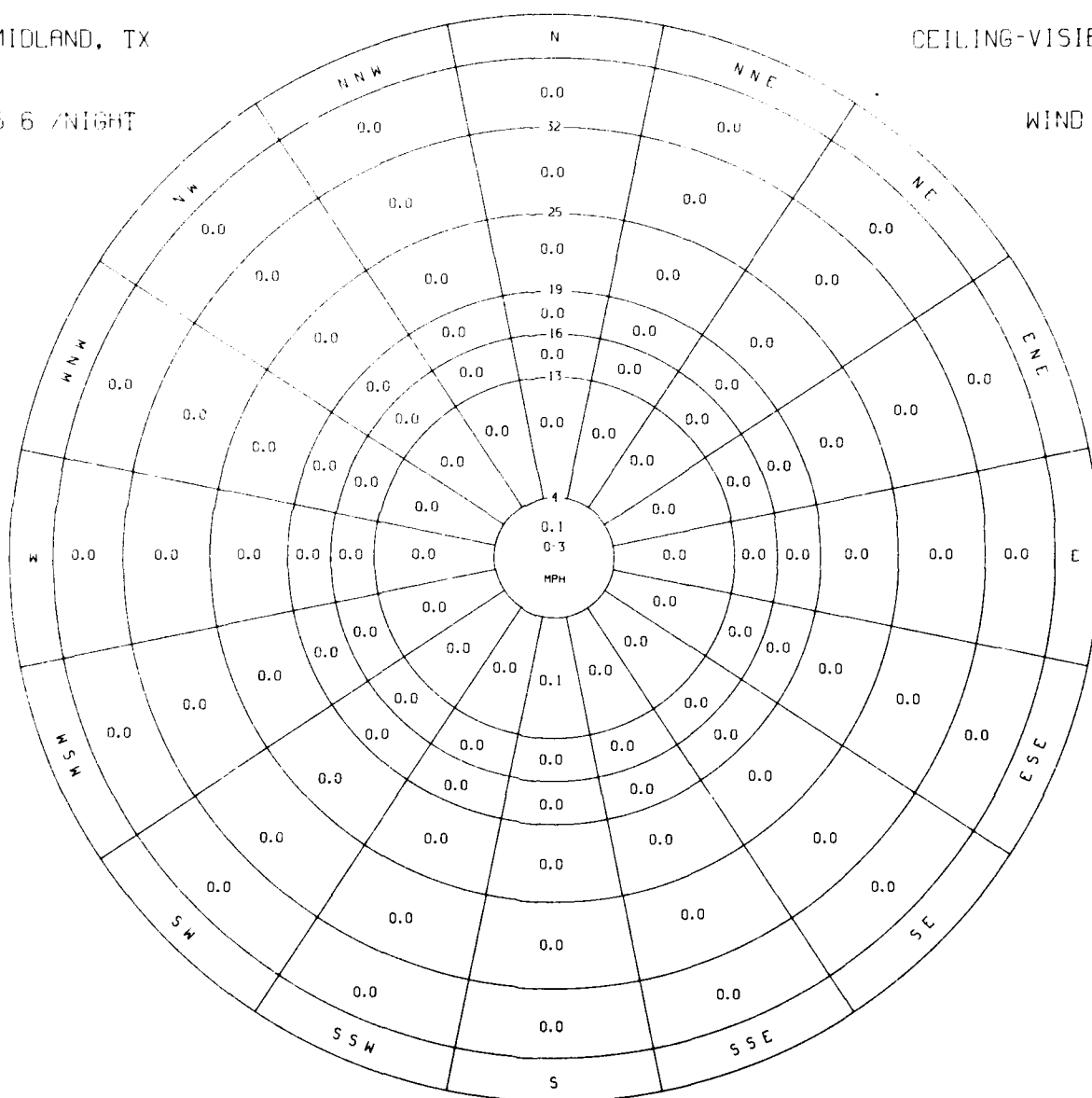
STATION NUMBER: 23023

NO. OBS.: 96

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	3.1	15.7
NNE	.0	1.0	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	9.6
NE	.0	2.1	.0	7.3	.0	2.1	.0	.0	.0	.0	.0	1.0	.0	.0	.0	12.5	10.4
ENE	.0	.0	.0	10.4	.0	2.1	.0	.0	.0	1.0	.0	.0	.0	.0	.0	13.5	10.4
E	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.5
ESE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	8.0
SE	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.5
SSE	.0	1.0	.0	9.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	7.3
S	.0	2.1	.0	14.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	7.1
SSW	.0	.0	.0	7.3	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	9.2
SW	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.0
WSW	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	2.1	24.5
W	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
WNW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
CALM	.0	8.3													.0	8.3	
TOTAL	.0	17.7	.2	67.7	.0	10.4	.0	.0	.0	1.0	.0	2.1	.0	1.0	.2	100	8.2

CLASS 6 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MAF MIDLAND, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 23023

NO. OBS.: 240

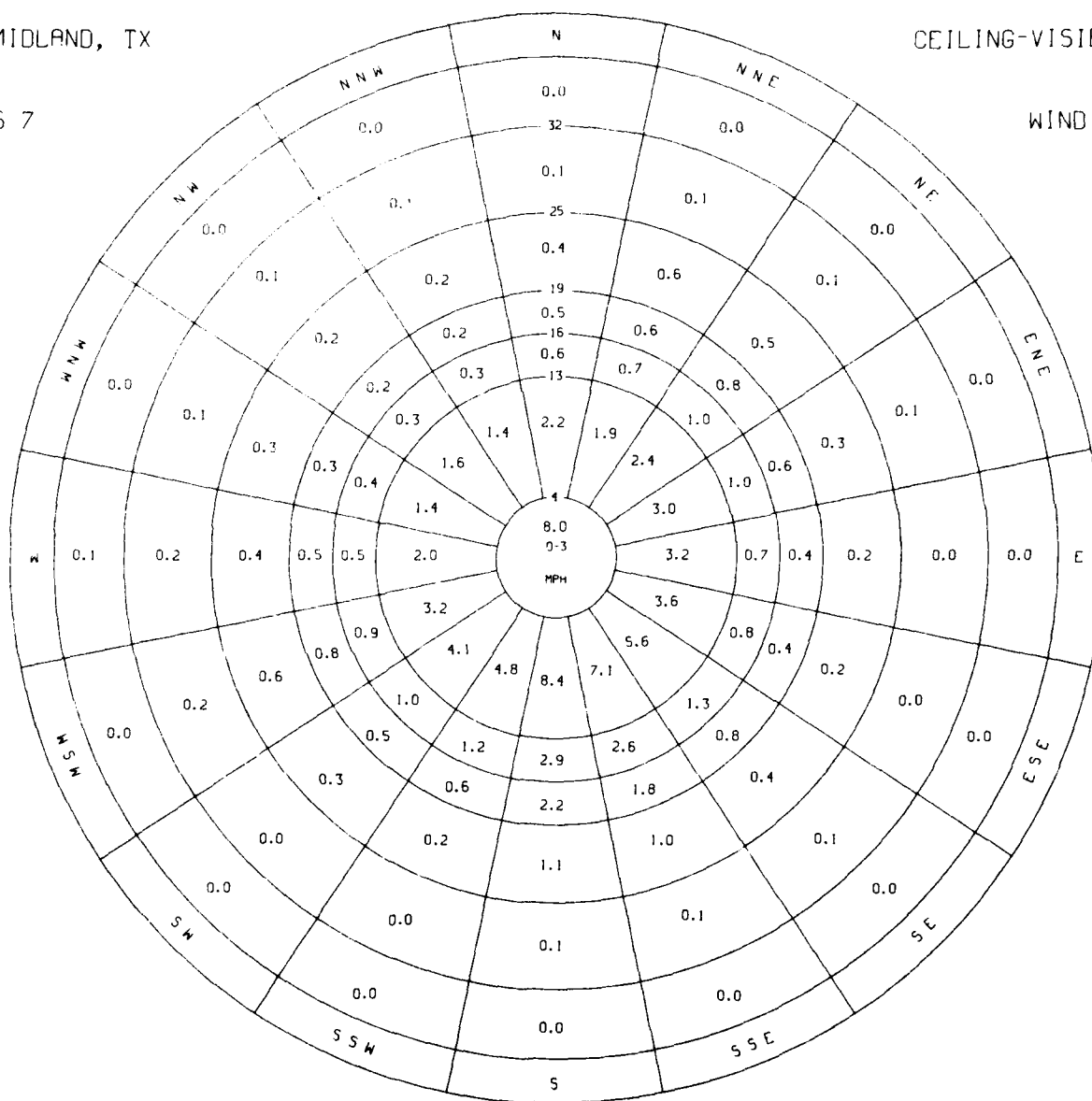
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.0	3.7	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	5.0	8.4
NNE	.0	.4	.0	3.3	.0	.4	.0	1.2	.0	.4	.0	.0	.0	.0	.0	5.8	10.1
NE	.0	.4	.0	4.6	.0	1.2	.0	.4	.0	1.2	.0	.0	.0	.0	.1	7.9	11.3
ENE	.0	.4	.0	6.3	.0	1.7	.0	.8	.0	.4	.0	.0	.0	.0	.1	9.6	10.5
E	.0	.0	.0	4.6	.0	.8	.0	.4	.0	.4	.0	.0	.0	.0	.0	6.3	10.3
ESE	.0	.8	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.9
SE	.0	.4	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.1
SSE	.0	.8	.0	4.2	.0	1.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	7.1	9.4
S	.0	.0	.1	15.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	15.8	8.1
SSW	.0	1.2	.0	7.1	.0	1.2	.0	.4	.0	.0	.0	.0	.0	.0	.1	10.0	7.6
SW	.0	.8	.0	5.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	7.1	7.3
WSW	.0	2.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.0
W	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
WNW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.0
NW	.0	.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.8
NNW	.0	1.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.2
CALM	.1	8.7													.1	8.7	
TOTAL	.1	19.6	.5	65.0	.1	8.3	.0	4.2	.0	2.9	.0	.0	.0	.0	.7	100	7.7

MAF MIDLAND, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

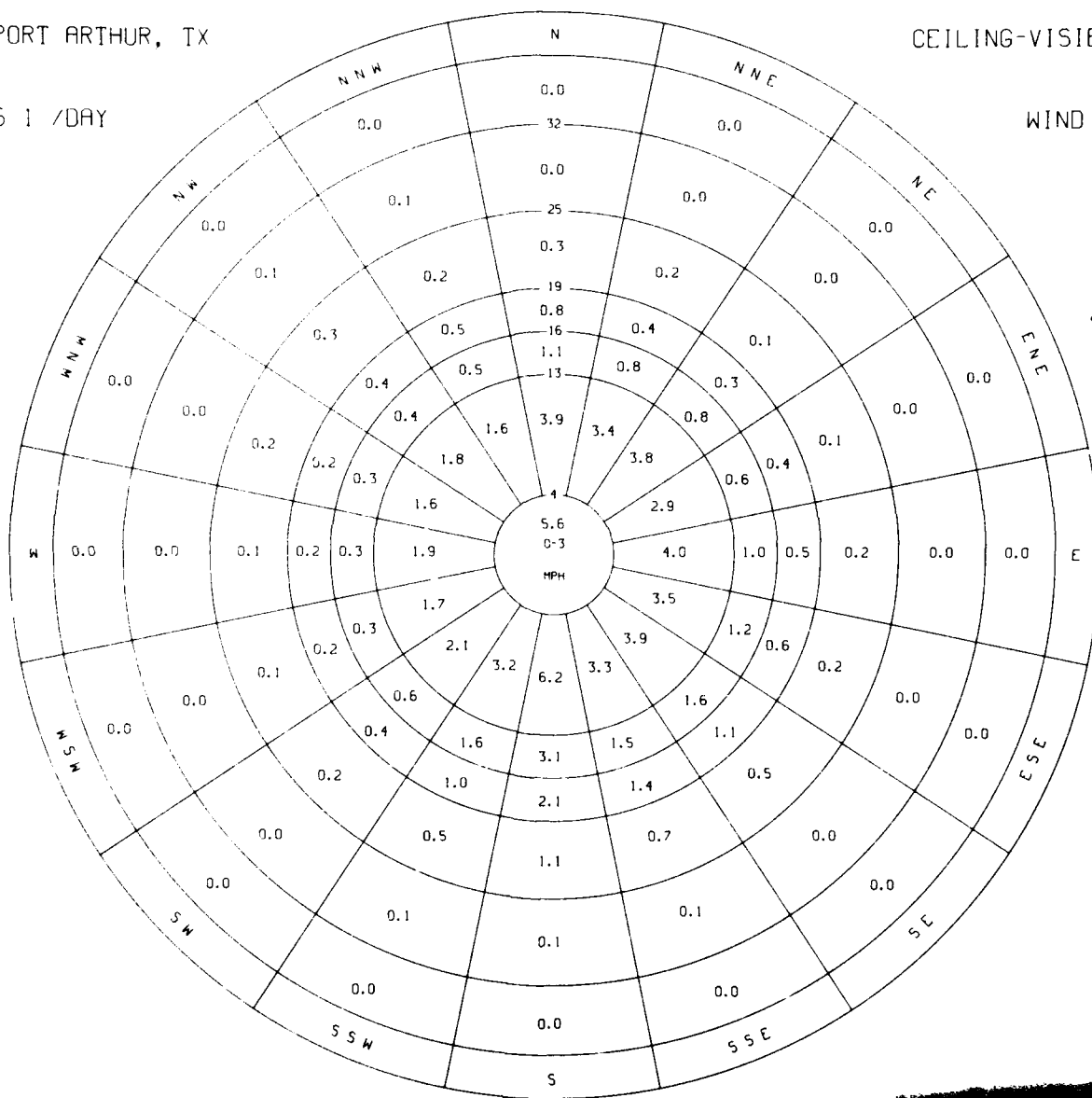


BPT PORT ARTHUR, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 12917

NO. OBS.: 41208

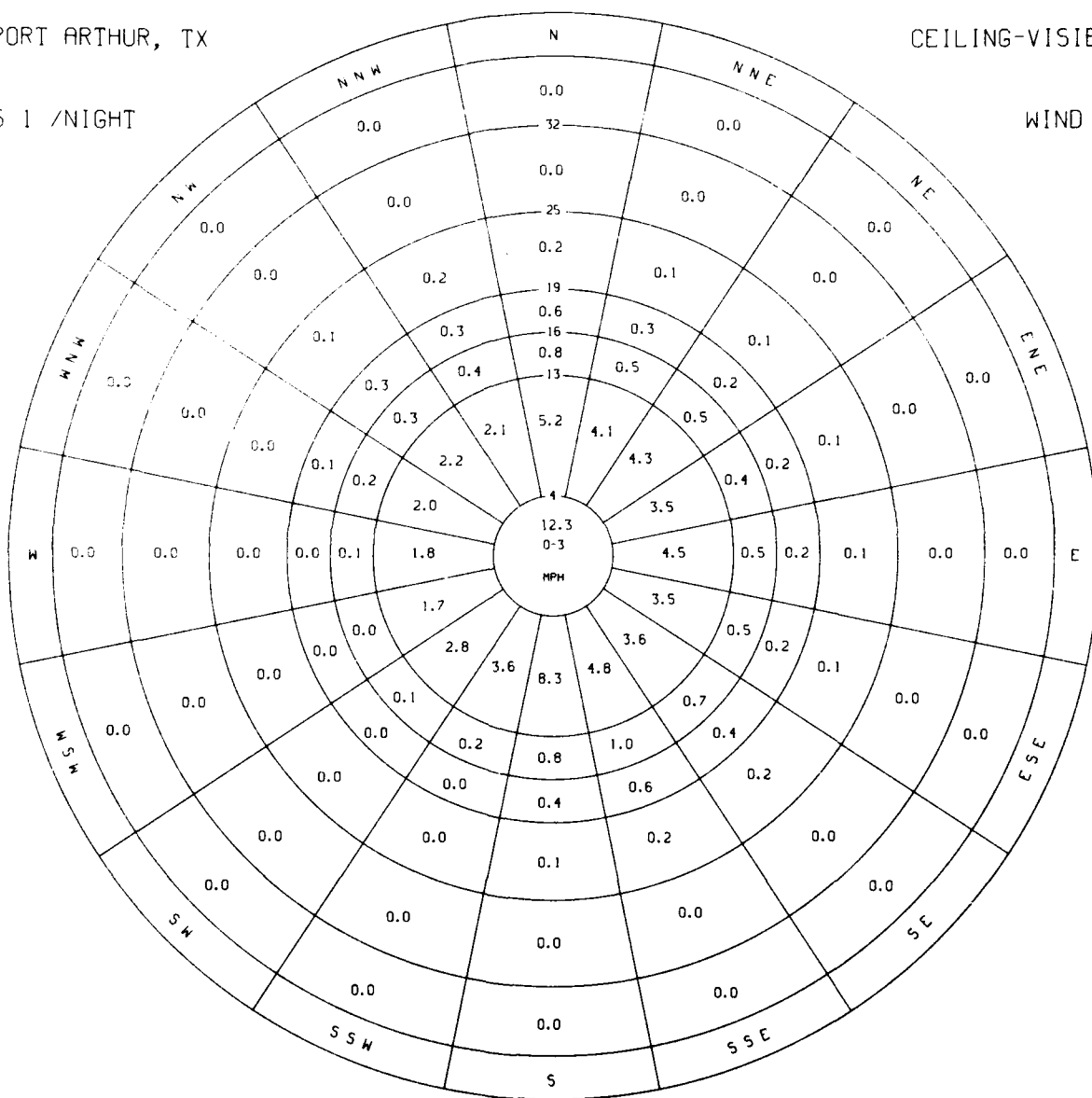
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.5	3.9	4.5	1.1	1.3	.8	.9	.3	.4	.0	.1	.0	.0	6.6	7.7	10.7
NNE	.3	.3	3.4	3.9	.8	.9	.4	.5	.2	.3	.0	.0	.0	.0	5.1	6.0	10.3
NE	.4	.5	3.8	4.4	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	5.4	6.3	9.4
ENE	.3	.3	2.9	3.4	.6	.7	.4	.5	.1	.1	.0	.0	.0	.0	4.4	5.1	10.0
E	.3	.4	4.0	4.6	1.0	1.2	.5	.6	.2	.2	.0	.0	.0	.0	6.1	7.0	10.4
ESE	.2	.3	3.5	4.1	1.2	1.4	.6	.7	.2	.2	.0	.0	.0	.0	5.8	6.7	11.0
SE	.3	.3	3.9	4.5	1.6	1.9	1.1	1.3	.5	.6	.0	.1	.0	.0	7.5	8.7	11.8
SSE	.2	.2	3.3	3.8	1.5	1.7	1.4	1.6	.7	.8	.1	.1	.0	.0	7.2	8.3	12.8
S	.4	.5	6.2	7.2	3.1	3.6	2.1	2.4	1.1	1.2	.1	.2	.0	.0	12.9	15.0	12.5
SSW	.2	.2	3.2	3.7	1.6	1.8	1.0	1.1	.5	.6	.1	.1	.0	.0	6.5	7.5	12.2
SW	.3	.3	2.1	2.4	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	3.6	4.2	10.9
WSW	.2	.2	1.7	2.0	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.4	2.8	9.4
W	.3	.4	1.9	2.2	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.9	3.3	9.4
WNW	.2	.2	1.6	1.9	.3	.4	.2	.3	.2	.2	.0	.0	.0	.0	2.6	3.0	10.4
NW	.3	.3	1.8	2.1	.4	.5	.4	.4	.3	.3	.1	.1	.0	.0	3.2	3.7	11.0
NNW	.2	.3	1.6	1.9	.5	.6	.5	.5	.2	.3	.1	.1	.0	.0	3.1	3.6	11.3
CALM	1.0	1.2													1.0	1.2	
TOTAL	5.6	6.4	48.8	56.5	15.8	18.4	10.5	12.1	4.9	5.7	.7	.8	.1	.1	86.4	100	11.0

BPT PORT ARTHUR, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 12917

NO. OBS.: 32381

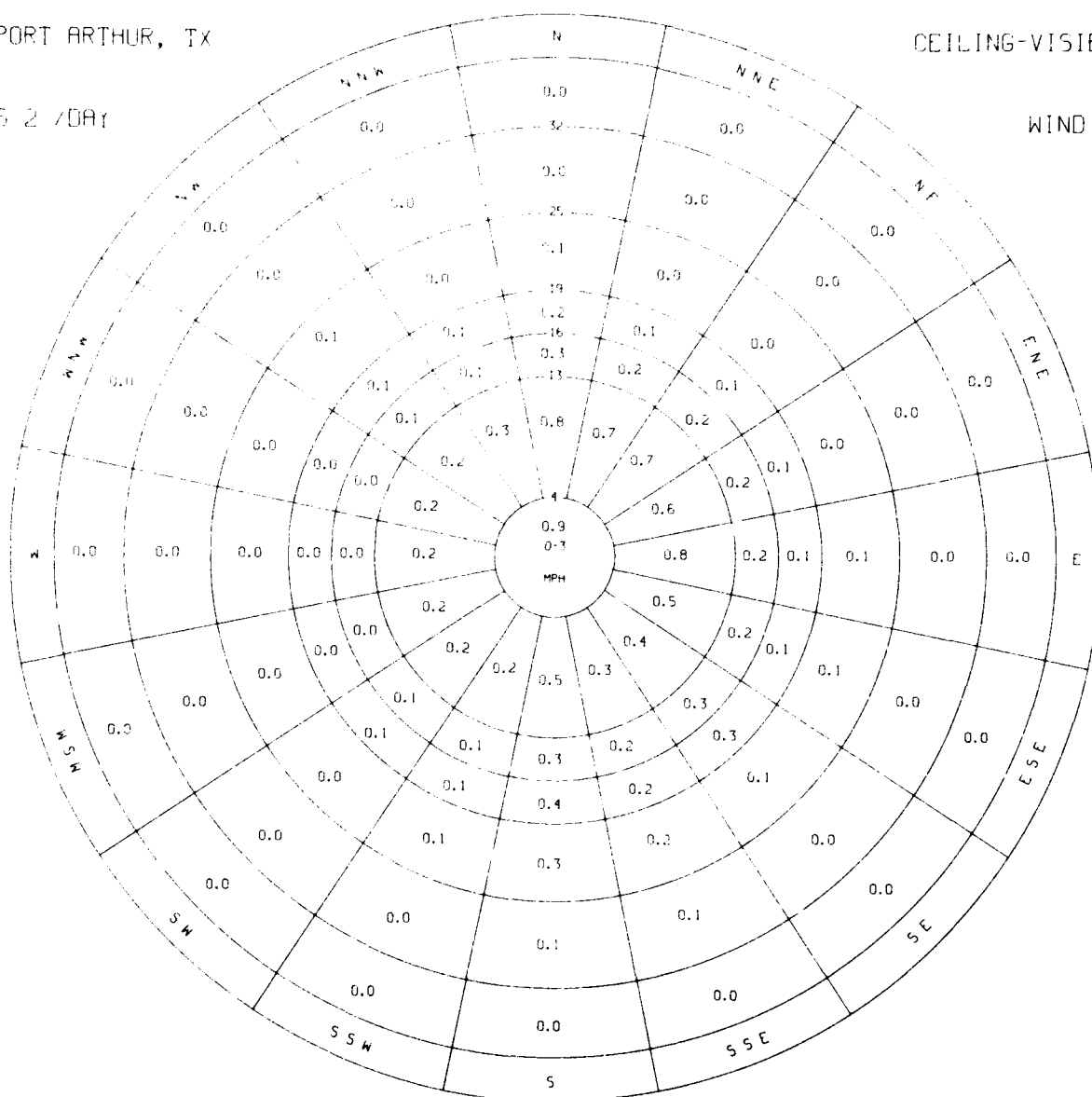
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.7	.8	5.2	6.3	.8	1.0	.6	.7	.2	.3	.0	.0	.0	.0	7.6	9.2	9.3
NNE	.5	.6	4.1	5.0	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	5.5	6.6	8.8
N E	.6	.7	4.3	5.2	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	5.7	6.9	8.3
E NE	.3	.4	3.5	4.3	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	4.6	5.5	8.6
E	.6	.7	4.5	5.4	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	5.7	6.9	8.3
ESE	.5	.5	3.5	4.2	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.7	5.7	8.7
SE	.5	.6	3.6	4.3	.7	.9	.4	.5	.2	.2	.0	.0	.0	.0	5.4	6.5	9.3
SSE	.5	.6	4.8	5.8	1.0	1.2	.6	.7	.2	.3	.0	.0	.0	.0	7.1	8.6	9.7
S	1.1	1.3	8.3	10.0	.8	.9	.4	.4	.1	.1	.0	.0	.0	.0	10.6	12.8	8.0
SSW	.6	.7	3.6	4.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.3	7.2
SW	.7	.8	2.8	3.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.4	6.7
WSW	.5	.6	1.7	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.7	6.2
W	.5	.6	1.8	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.9	6.5
WNW	.4	.4	2.0	2.4	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	2.7	3.2	8.0
NW	.4	.5	2.2	2.7	.3	.4	.3	.3	.1	.2	.0	.1	.0	.0	3.4	4.1	9.3
NNW	.3	.4	2.1	2.5	.4	.5	.3	.4	.2	.2	.0	.0	.0	.0	3.4	4.1	9.8
CALM	3.8	4.6													3.8	4.6	
TOTAL	12.3	14.9	57.8	70.0	7.0	8.5	3.8	4.6	1.4	1.7	.2	.3	.0	.0	82.6	100	8.1

BPT PORT ARTHUR, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 12917

NO. OBS.: 6608

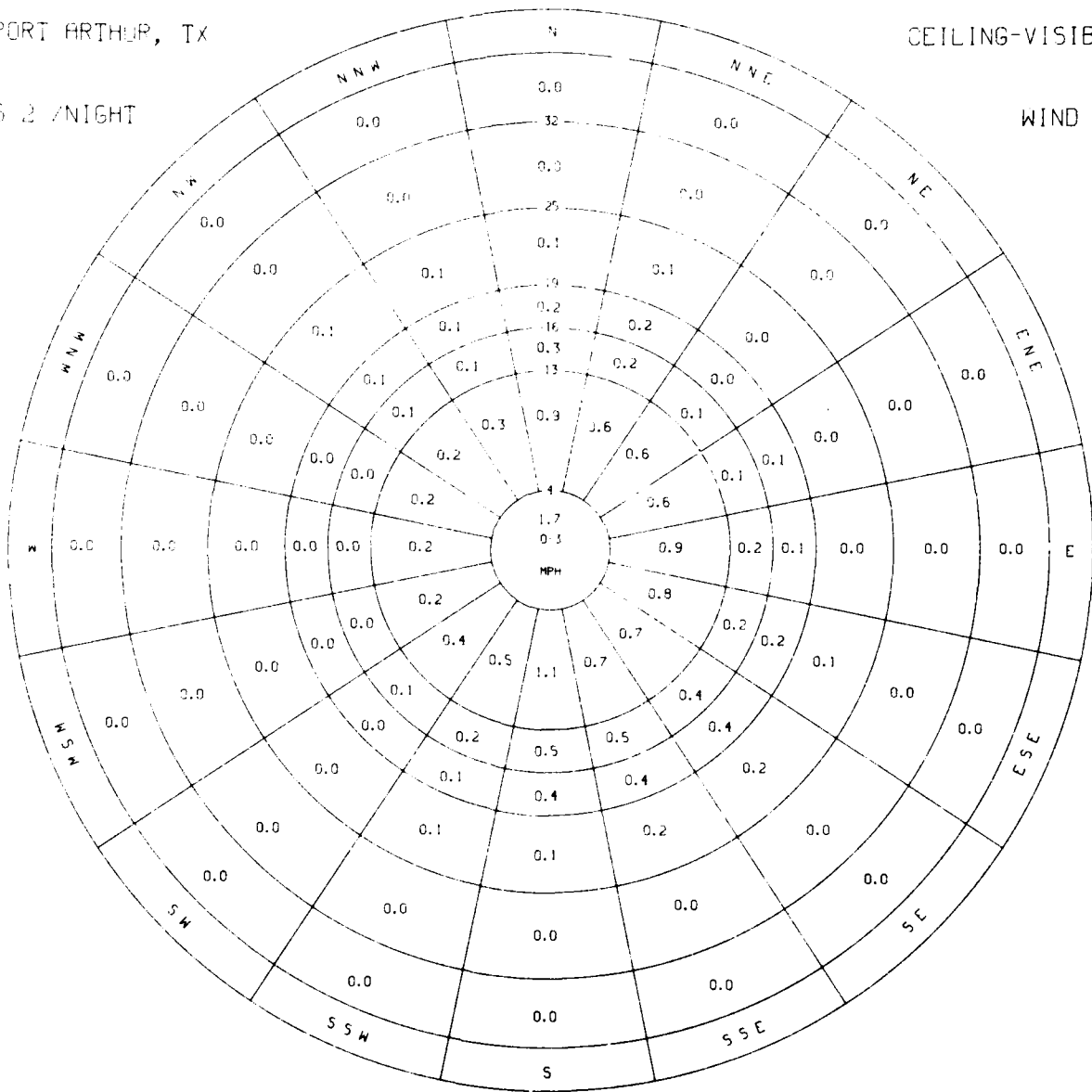
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.7	.8	5.9	.3	2.3	.2	1.5	.1	.7	.0	.1	.0	.0	1.5	11.2	11.2
NNE	.1	.4	.7	4.9	.2	1.7	.1	1.0	.0	.3	.0	.0	.0	.0	1.1	8.4	10.8
NE	.1	.4	.7	5.3	.2	1.4	.1	.7	.0	.3	.0	.0	.0	.0	1.1	8.1	10.1
ENE	.1	.5	.6	4.6	.2	1.2	.1	.7	.0	.2	.0	.1	.0	.0	1.0	7.4	10.4
E	.0	.3	.8	5.5	.2	1.6	.1	.9	.1	.5	.0	.1	.0	.0	1.2	8.9	11.1
ESE	.0	.3	.5	3.4	.2	1.8	.1	1.1	.1	.6	.0	.1	.0	.0	1.0	7.1	12.4
SE	.0	.3	.4	2.6	.3	2.1	.3	2.0	.1	1.1	.0	.2	.0	.0	1.1	8.2	14.2
SSE	.0	.2	.3	2.1	.2	1.6	.2	1.7	.2	1.7	.1	.4	.0	.0	1.1	7.7	15.6
S	.0	.2	.5	3.3	.3	2.1	.4	2.7	.3	2.2	.1	.4	.0	.0	1.5	10.9	15.1
SSW	.0	.1	.2	1.5	.1	1.0	.1	.8	.1	.5	.0	.1	.0	.0	.5	4.0	13.6
SW	.0	.3	.2	1.4	.1	.4	.1	.4	.0	.2	.0	.0	.0	.0	.4	2.7	11.1
WSW	.0	.2	.2	1.2	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3	2.0	10.3
W	.0	.3	.2	1.5	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.2	9.4
WNW	.0	.3	.2	1.2	.0	.3	.0	.3	.0	.2	.0	.1	.0	.0	.3	2.3	10.8
NW	.0	.3	.2	1.4	.1	.4	.1	.6	.1	.5	.0	.1	.0	.0	.5	3.4	12.7
NNW	.1	.4	.3	1.9	.1	.7	.1	.7	.0	.3	.0	.1	.0	.0	.5	4.0	11.8
CALM	.2	1.4													.2	1.4	
TOTAL	.9	6.5	6.5	47.7	2.6	19.1	2.1	15.3	1.3	9.4	.2	1.7	.0	.2	13.6	100	12.1

BPT PORT ARTHUR, TX

CLASS 2 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 12917

NO. OBS.: 6844

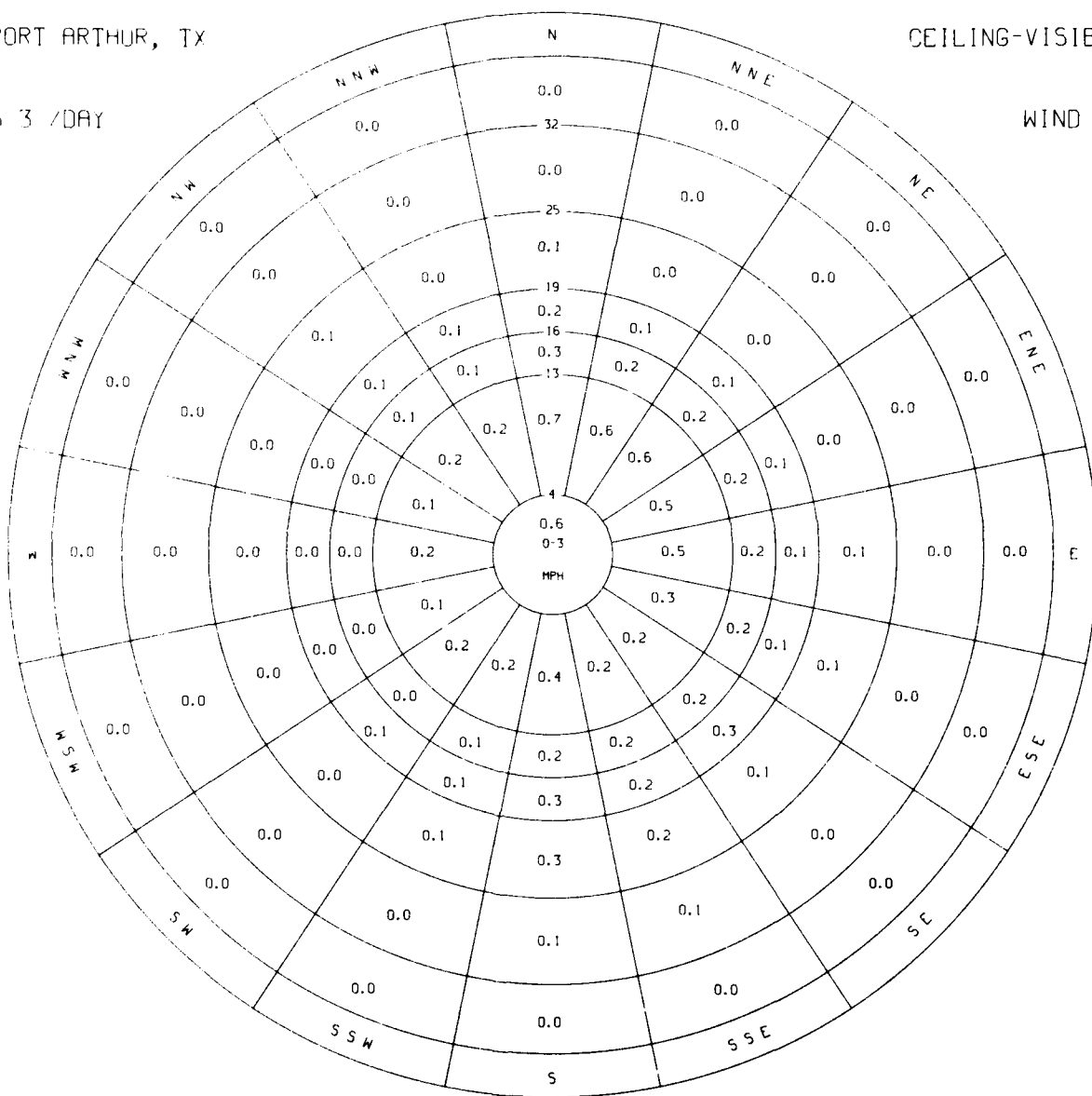
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.5	.9	5.3	.3	1.9	.2	1.4	.1	.6	.0	.1	.0	.0	1.7	9.8	11.3
NNE	.1	.3	.6	3.5	.2	1.3	.2	.9	.1	.3	.0	.0	.0	.0	1.1	6.5	11.3
NE	.1	.5	.6	3.6	.1	.7	.0	.2	.0	.2	.0	.0	.0	.0	.9	5.2	9.4
ENE	.1	.4	.6	3.3	.1	.7	.1	.5	.0	.2	.0	.0	.0	.0	.9	5.2	10.0
E	.1	.6	.9	5.1	.2	1.2	.1	.6	.0	.2	.0	.0	.0	.0	1.4	7.7	10.0
ESE	.1	.4	.8	4.6	.2	1.2	.2	1.0	.1	.4	.0	.1	.0	.0	1.3	7.7	11.1
SE	.1	.4	.7	4.1	.4	2.1	.4	2.0	.2	1.1	.0	.1	.0	.0	1.7	9.8	13.0
SSE	.1	.5	.7	4.0	.5	2.7	.4	2.5	.2	1.2	.0	.2	.0	.0	1.9	11.1	13.5
S	.1	.6	1.1	6.2	.5	2.6	.4	2.2	.1	.7	.0	.1	.0	.0	2.2	12.4	11.9
SSW	.1	.3	.5	2.9	.2	1.0	.1	.5	.1	.3	.0	.0	.0	.0	.9	5.1	10.9
SW	.1	.4	.4	2.5	.1	.3	.0	.2	.0	.1	.0	.0	.0	.0	.6	3.6	8.9
WSW	.0	.3	.2	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	1.6	8.9
W	.1	.3	.2	1.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	1.8	8.3
WNW	.0	.3	.2	1.1	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.3	2.0	10.6
NW	.0	.3	.2	1.4	.1	.4	.1	.5	.1	.3	.0	.1	.0	.0	.5	3.1	12.0
NNW	.1	.4	.3	2.0	.1	.7	.1	.6	.1	.3	.0	.0	.0	.0	.7	4.1	11.3
CALM	.6	3.5													.6	3.5	
TOTAL	1.7	9.9	9.1	51.9	3.0	17.3	2.4	13.7	1.1	6.3	.1	.8	.0	.1	17.4	100	10.9

BPT PORT ARTHUR, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EPT FORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 14917

NO. OBS.: 5551

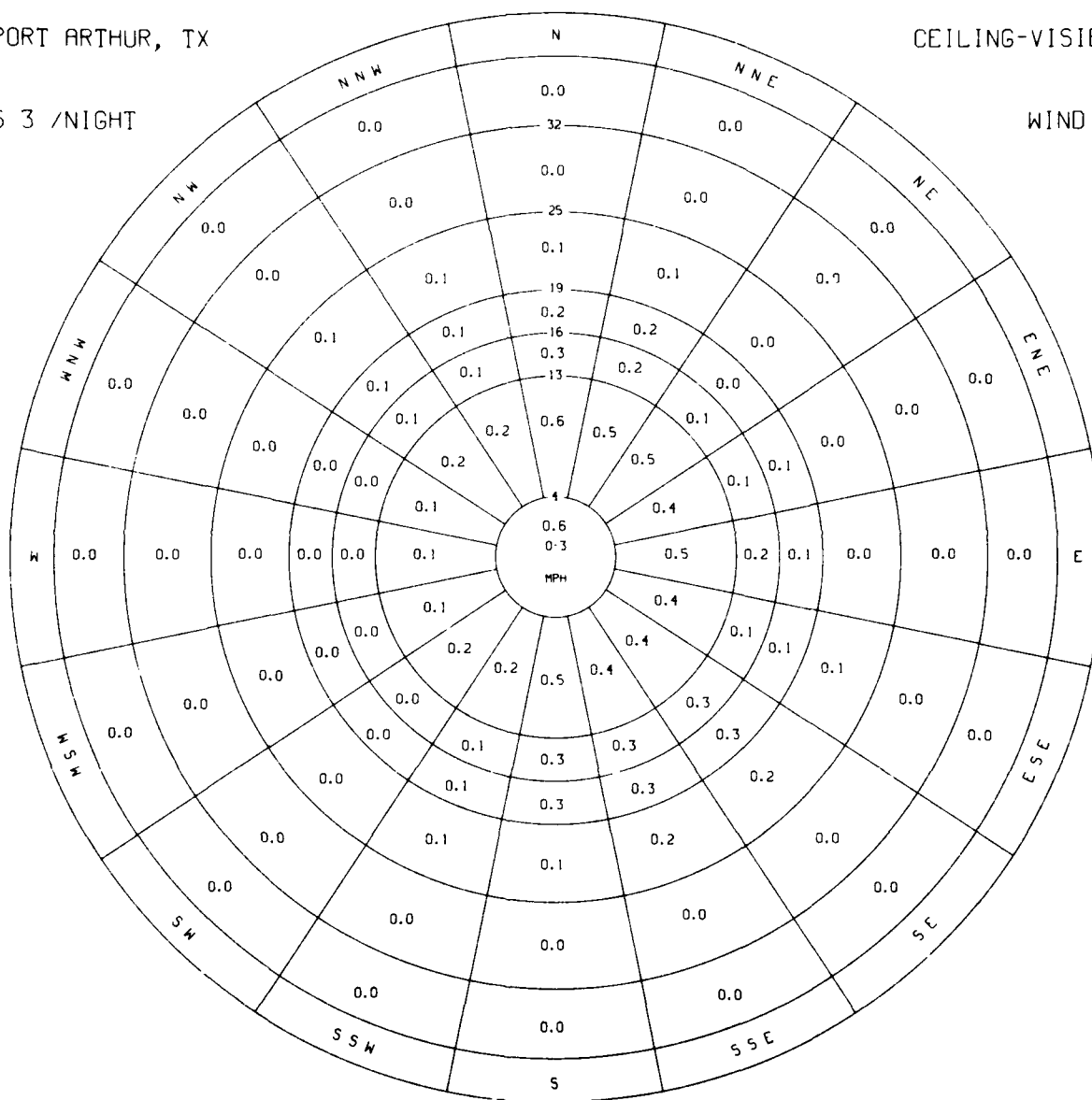
DIRECTION	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.7	.7	5.9	.3	2.7	.2	1.7	.1	.9	.0	.1	.0	.0	1.4	11.9	11.6
NNE	.5	.4	.6	4.9	.2	1.9	.1	1.2	.0	.4	.0	.0	.0	.0	1.0	8.7	11.3
N E	.2	.4	.6	5.2	.2	1.6	.1	.7	.0	.3	.0	.0	.0	.0	.9	8.1	10.5
ENE	.0	.4	.5	4.3	.2	1.4	.1	.9	.0	.2	.0	.1	.0	.0	.8	7.2	11.0
E	.2	.2	.5	4.6	.2	1.7	.1	1.0	.1	.5	.0	.1	.0	.0	.9	8.1	11.8
ESE	.2	.2	.3	2.9	.2	1.8	.1	1.2	.1	.6	.0	.1	.0	.0	.8	6.7	13.2
SE	.8	.2	.2	2.1	.2	2.1	.3	2.2	.1	1.2	.0	.2	.0	.0	.9	8.1	14.7
SSE	.0	.1	.2	1.8	.2	1.7	.2	2.0	.2	2.0	.1	.5	.0	.0	.9	8.2	16.2
S	.6	.2	.4	3.1	.2	2.1	.3	3.0	.3	2.5	.1	.5	.0	.0	1.3	11.2	15.5
SSW	.2	.1	.2	1.7	.1	1.1	.1	.9	.1	.6	.0	.1	.0	.1	.5	4.2	14.2
SW	.0	.2	.2	1.3	.0	.4	.1	.5	.0	.2	.0	.0	.0	.0	.3	2.7	11.7
WSW	.0	.2	.1	1.1	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.2	1.9	10.5
W	.9	.2	.2	1.4	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.1	10.1
WNW	.0	.3	.1	1.2	.0	.3	.0	.4	.0	.2	.0	.1	.0	.0	.3	2.4	11.2
NW	.0	.2	.2	1.4	.1	.5	.1	.7	.1	.6	.0	.1	.0	.0	.4	3.6	13.2
NNW	.0	.3	.2	1.7	.1	.8	.1	.7	.0	.4	.0	.1	.0	.0	.5	4.0	12.2
CALM	.1	.9													.1	.9	
TOTAL	.6	5.2	5.1	44.2	2.4	20.5	2.0	17.3	1.2	10.8	.2	1.9	.0	.2	11.5	100	12.7

BPT PORT ARTHUR, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 12917

NO. OBS.: 4380

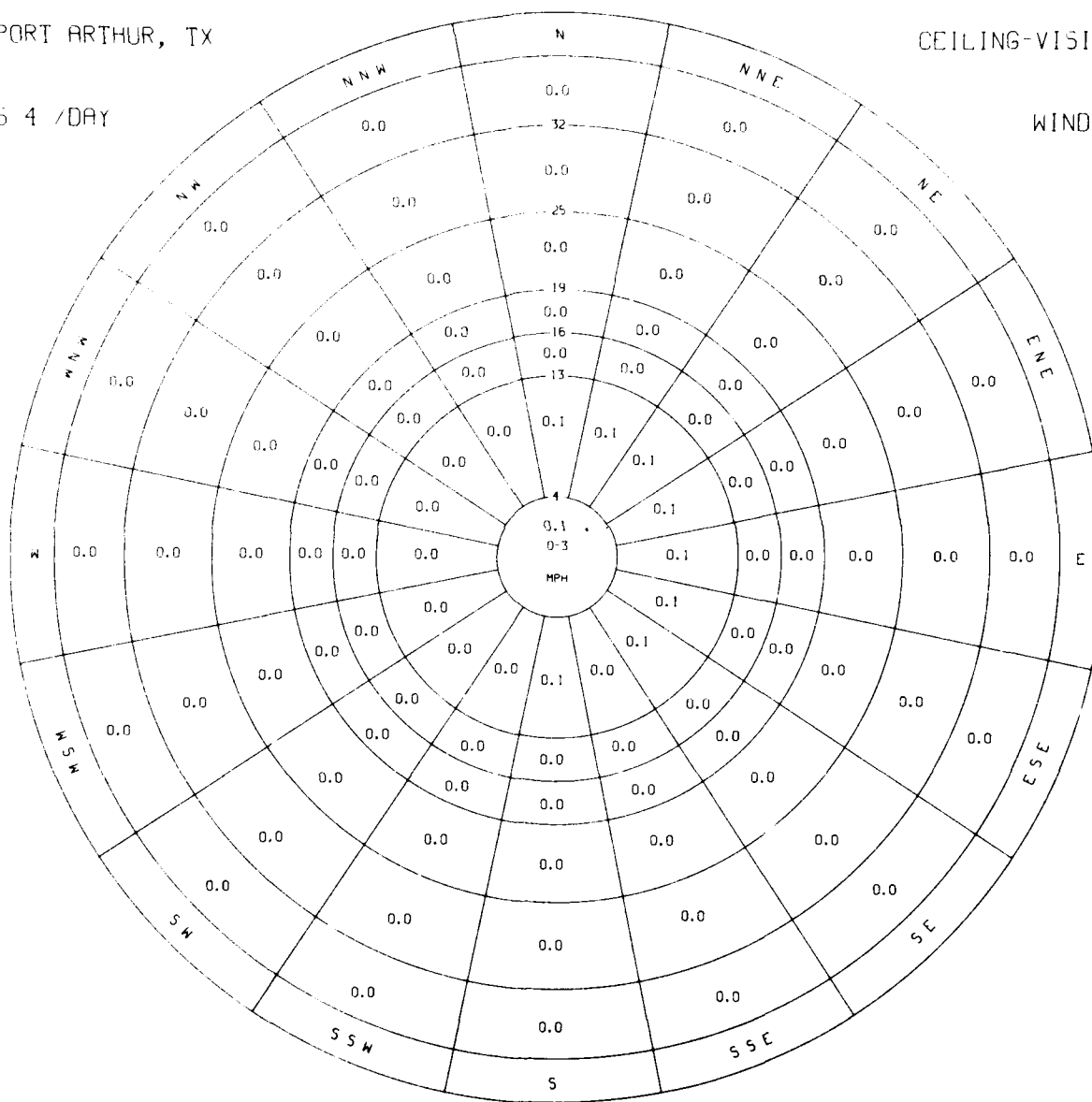
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.4	.6	5.8	.3	2.7	.2	2.1	.1	.9	.0	.1	.0	.0	1.3	12.0	12.3
NNE	.0	.3	.5	4.2	.2	1.9	.2	1.4	.1	.5	.0	.0	.0	.0	.9	8.3	12.1
NE	.0	.3	.5	4.2	.1	1.1	.0	.3	.0	.3	.0	.0	.0	.0	.7	6.1	10.4
ENE	.0	.3	.4	3.2	.1	1.0	.1	.6	.0	.3	.0	.1	.0	.0	.6	5.5	11.1
E	.0	.3	.5	4.3	.2	1.4	.1	.9	.0	.3	.0	.1	.0	.0	.8	7.4	11.3
ESE	.0	.3	.4	3.5	.1	1.2	.1	1.3	.1	.5	.0	.1	.0	.0	.8	7.0	12.4
SE	.0	.1	.4	3.3	.3	2.4	.3	2.5	.2	1.5	.0	.1	.0	.0	1.1	10.0	14.3
SSE	.0	.1	.4	3.5	.3	2.9	.3	3.0	.2	1.7	.0	.3	.0	.0	1.3	11.6	14.7
S	.0	.2	.5	4.4	.3	2.6	.3	2.8	.1	1.0	.0	.1	.0	.0	1.2	11.1	13.6
SSW	.0	.2	.2	1.9	.1	.9	.1	.5	.1	.5	.0	.0	.0	.0	.5	4.0	12.4
SW	.0	.2	.2	1.4	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.3	2.4	11.0
WSW	.0	.2	.1	.8	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.4	10.5
W	.0	.2	.1	.9	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.2	1.5	9.9
WNW	.0	.2	.1	.8	.0	.2	.0	.4	.0	.1	.0	.1	.0	.0	.2	1.9	12.3
NW	.0	.2	.2	1.5	.1	.6	.1	.7	.1	.5	.0	.1	.0	.0	.4	3.7	13.3
NNW	.0	.3	.2	2.1	.1	1.0	.1	1.0	.1	.5	.0	.0	.0	.0	.5	4.9	12.6
CALM	.2	1.5													.2	1.5	
TOTAL	.6	5.0	5.1	45.8	2.3	20.6	2.0	18.2	1.0	9.0	.1	1.2	.0	.2	11.2	100	12.4

BPT PORT ARTHUR, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BPT FORT ARTHUR, TX

PERIOD: 1949-1976

CLASS 4 / DAY

STATION NUMBER: 12917

NO. OBS.: 668

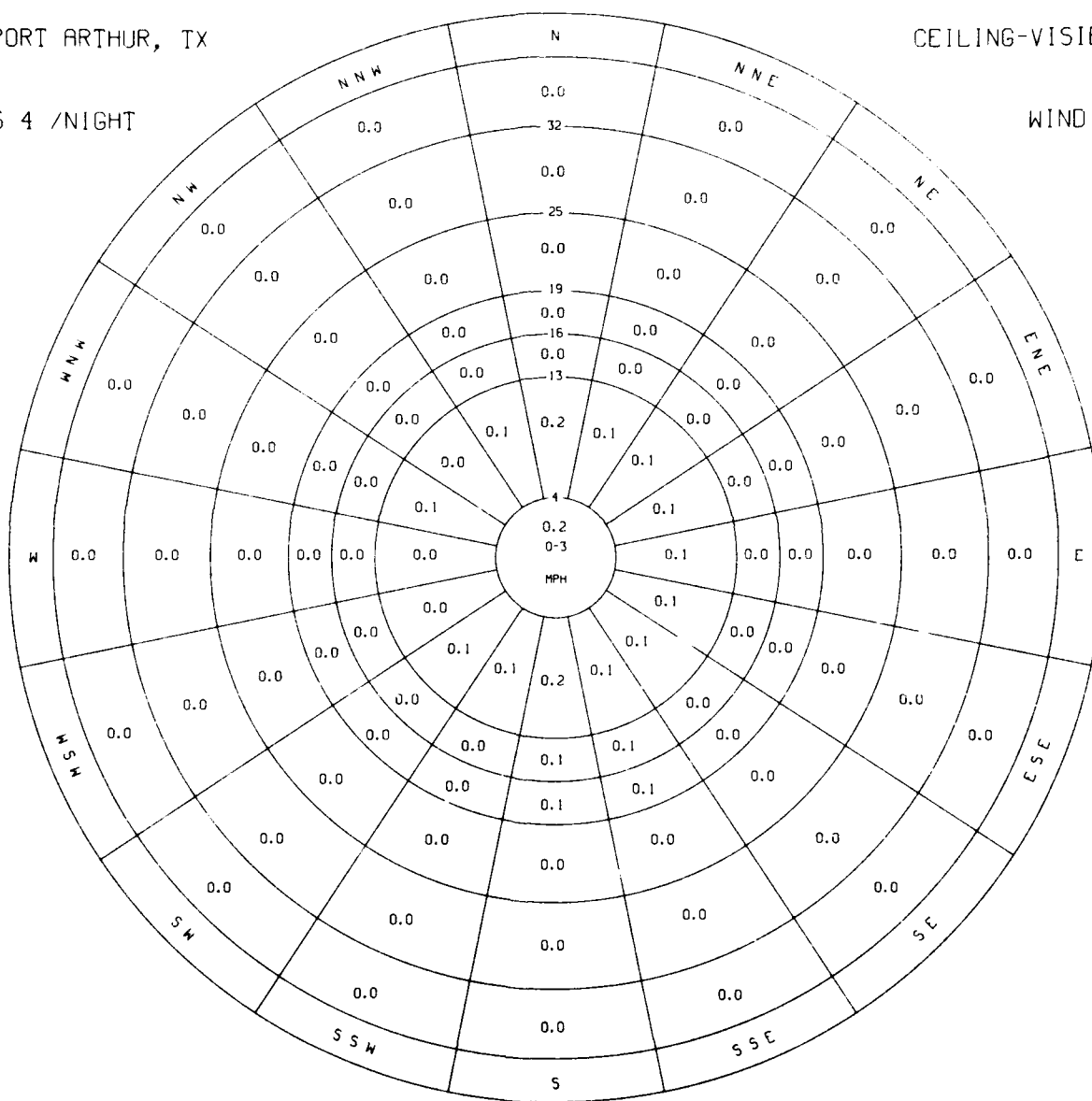
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.1	6.4	.0	.9	.0	.4	.0	.0	.0	.1	.0	.0	.1	3.4	8.8
NNE	.0	.4	.1	4.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	8.6
NE	.0	.6	.1	6.7	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.1	8.4	8.7
ENE	.0	.6	.1	6.3	.0	.9	.0	.1	.0	.3	.0	.0	.0	.0	.1	8.2	8.9
E	.0	.6	.1	10.3	.0	1.3	.0	.6	.0	.0	.0	.1	.0	.0	.2	13.0	9.5
ESE	.0	.6	.1	5.7	.0	1.6	.0	.4	.0	.1	.0	.0	.0	.0	.1	8.5	9.9
SE	.0	.3	.1	5.2	.0	2.2	.0	1.0	.0	.7	.0	.1	.0	.1	.1	5.9	12.9
SSE	.0	.0	.0	3.6	.0	1.3	.0	.4	.0	.1	.0	.1	.0	.0	.1	5.7	11.7
S	.0	.1	.1	5.2	.0	2.4	.0	1.9	.0	1.2	.0	.1	.0	.0	.2	11.1	13.3
SSW	.0	.1	.0	1.8	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.7	9.6
SW	.0	.3	.0	2.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	2.7	8.4
WSW	.0	.6	.0	1.5	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1	.0	2.7	10.9
W	.0	.0	.0	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	8.3
WNW	.0	.1	.0	.9	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.3	8.7
NW	.0	.4	.0	1.2	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	2.2	9.1
NNW	.0	.3	.0	2.7	.0	.4	.0	.9	.0	.1	.0	.0	.0	.0	.1	4.5	9.8
CALM	.0	1.6													.0	1.6	
TOTAL	.1	7.3	.9	66.6	.2	14.7	.1	7.0	.0	3.3	.0	.7	.0	.3	1.4	100	10.0

BPT PORT ARTHUR, TX

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

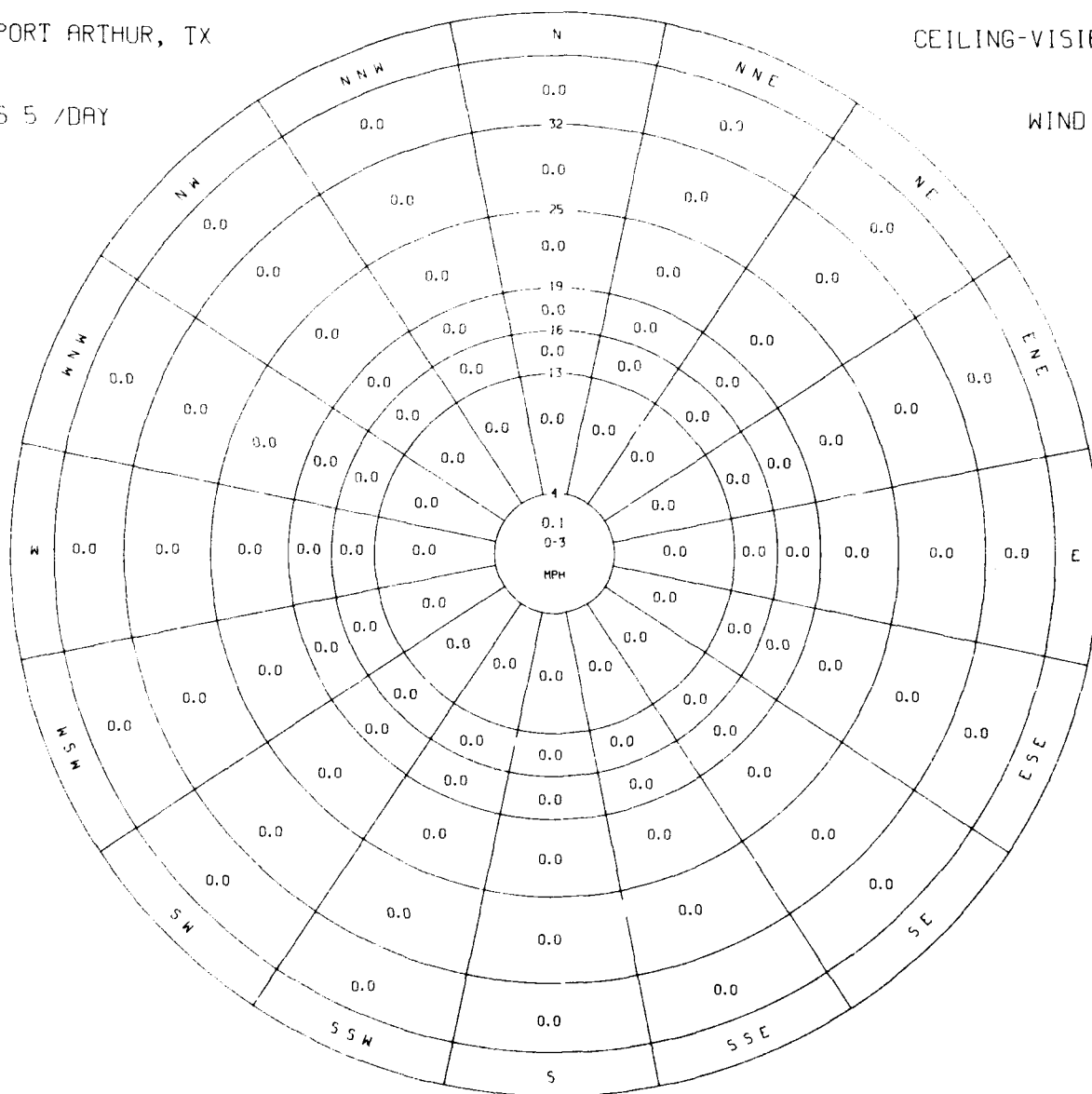
STATION NUMBER: 12917

NO. OBS.: 1029

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.2	5.7	.0	.6	.0	.5	.0	.3	.0	.0	.0	.0	.2	7.4	9.6
NNE	.0	.3	.1	3.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.4	9.1
NE	.0	.5	.1	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	7.5
ENE	.0	.2	.1	3.7	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.1	4.9	9.3
E	.0	.5	.1	4.9	.0	1.2	.0	.4	.0	.1	.0	.0	.0	.1	.2	7.1	9.6
ESE	.0	.3	.1	4.9	.0	1.6	.0	.4	.0	.4	.0	.0	.0	.0	.2	7.5	10.7
SE	.0	.4	.1	4.8	.0	1.7	.0	1.7	.0	.7	.0	.2	.0	.0	.2	9.3	12.2
SSE	.0	.7	.1	5.2	.1	3.3	.1	3.1	.0	.7	.0	.0	.0	.0	.3	13.0	12.6
S	.0	.8	.2	8.8	.1	4.0	.1	2.3	.0	.4	.0	.1	.0	.0	.4	16.4	11.5
SSW	.0	.0	.1	4.1	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.1	.2	6.6	11.4
SW	.0	.3	.1	4.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	8.5
WSW	.0	.3	.0	1.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.7	8.7
W	.0	.2	.0	1.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.0	8.2
WNW	.0	.2	.1	2.1	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.1	2.7	9.5
NW	.0	.0	.0	1.2	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.7	10.7
NNW	.0	.0	.1	2.7	.0	.4	.0	.1	.0	.2	.0	.0	.0	.0	.1	3.4	9.8
CALM	.1	3.4													.1	3.4	
TOTAL	.2	8.3	1.6	61.5	.4	16.5	.3	10.3	.1	2.9	.0	.3	.0	.2	2.6	100	10.2

CLASS 5 /DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BRT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 12917

NO. OBS.: 181

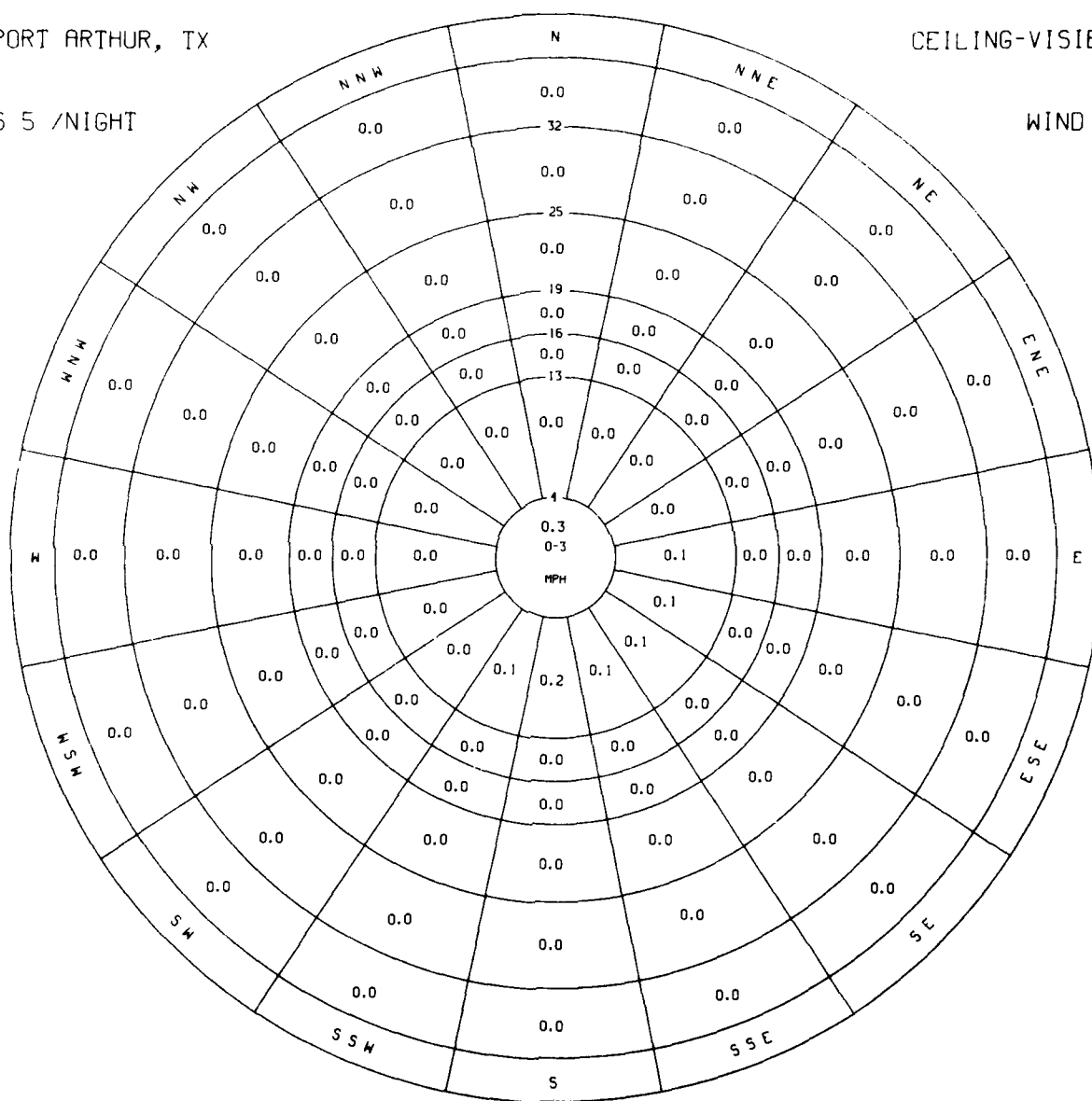
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.1	.0	5.5	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	7.7	7.9
NNE	.0	.6	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.9
NE	.0	.0	.0	6.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	7.7
ENE	.0	1.1	.0	6.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	7.9
E	.0	.6	.0	11.6	.0	1.1	.0	.0	.0	.6	.0	.0	.0	.6	.1	14.4	9.1
ESE	.0	.6	.0	5.0	.0	2.2	.0	.6	.0	.6	.0	.0	.0	.0	.0	8.8	11.4
SE	.0	.0	.0	5.0	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	7.2	9.6
SSE	.0	1.1	.0	2.8	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	6.1	9.7
S	.0	.6	.0	6.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	8.0
SSW	.0	.0	.0	2.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	10.2
SW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	2.8	13.0
WSW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.0
W	.0	1.1	.0	6.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.0
WNW	.0	.6	.0	6.6	.0	.6	.0	.6	.0	.0	.6	.0	.0	.0	.0	3.9	8.1
NW	.0	.6	.0	6.6	.0	.6	.0	.0	.1	.0	.0	.0	.0	.6	.0	2.8	11.4
NNW	.0	.6	.0	6.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	.6	.0	3.9	11.9
CALM	.0	3.9													.0	3.9	
TOTAL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.4	100	8.6

BPT PORT ARTHUR, TX

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 12917

NO. OBS.: 549

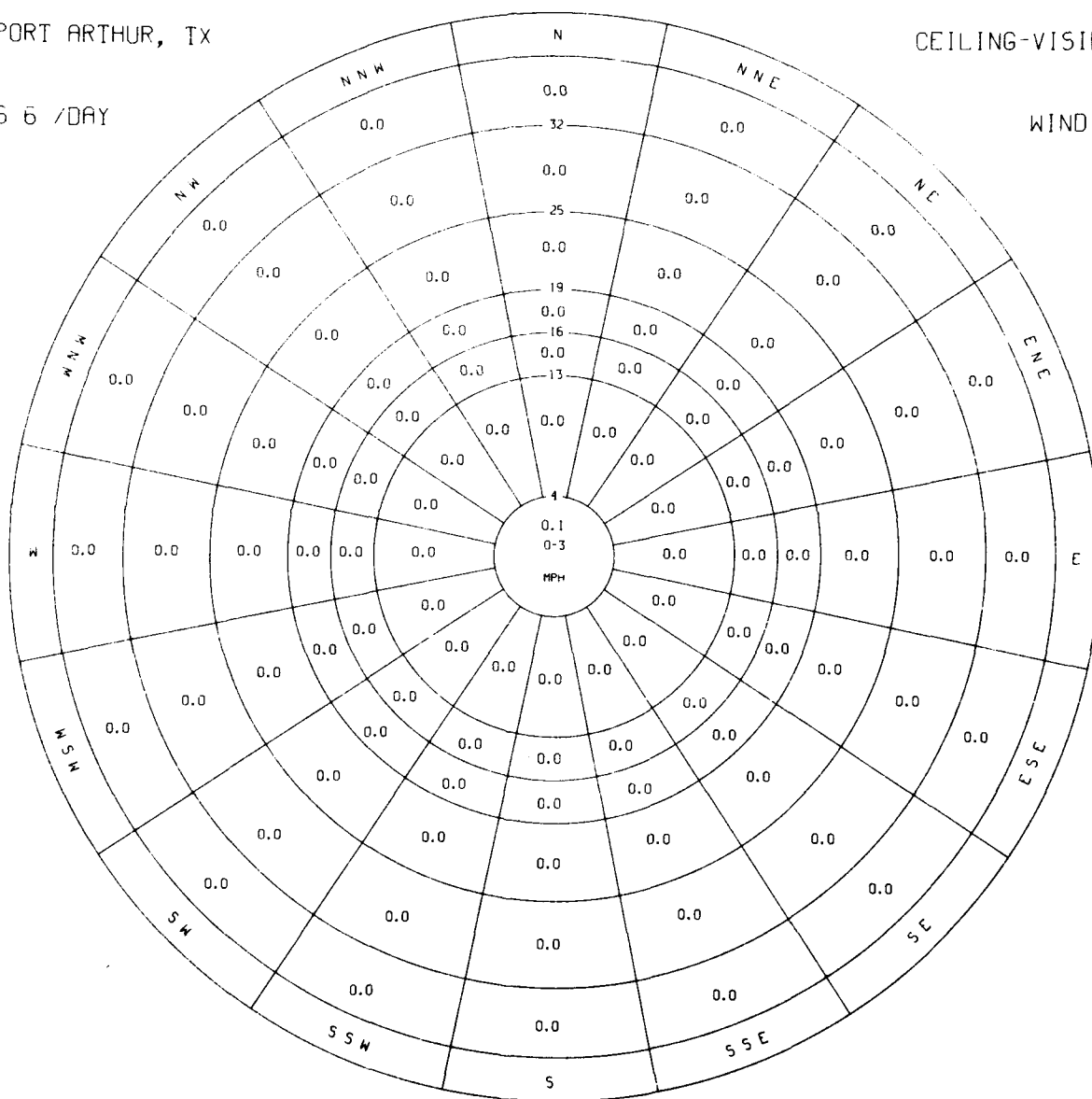
D I R N	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.5	.0	3.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	6.6
NNE	.0	.7	.0	1.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.9
NE	.0	.5	.0	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	6.7
ENE	.0	1.3	.0	2.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0	6.3
E	.0	1.1	.1	6.7	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.1	8.6	7.5
ESE	.0	.7	.1	6.4	.0	.9	.0	.9	.0	.2	.0	.0	.0	.0	.1	9.1	9.6
SE	.0	.5	.1	6.9	.0	2.9	.0	.9	.0	.4	.0	.0	.0	.0	.2	11.7	10.5
SSE	.0	1.8	.1	5.8	.0	2.9	.0	.9	.0	.2	.0	.0	.0	.0	.2	11.7	9.9
S	.0	1.6	.2	12.2	.0	2.4	.0	.4	.0	.2	.0	.0	.0	.0	.2	16.8	8.8
SSW	.0	.9	.1	3.8	.0	.7	.0	.5	.0	.4	.0	.0	.0	.0	.1	6.4	9.4
SW	.0	.7	.0	3.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.9	8.2
WSW	.0	.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.9
W	.0	.4	.0	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.3
WNW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3
NW	.0	.7	.0	.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.9
NNW	.0	.9	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.1
CALM	.1	5.6													.1	5.6	
TOTAL	.3	19.9	.9	61.7	.2	12.9	.1	4.2	.0	1.3	.0	.0	.0	.0	1.4	100	8.0

BPT PORT ARTHUR, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 12917

NO. OBS.: 208

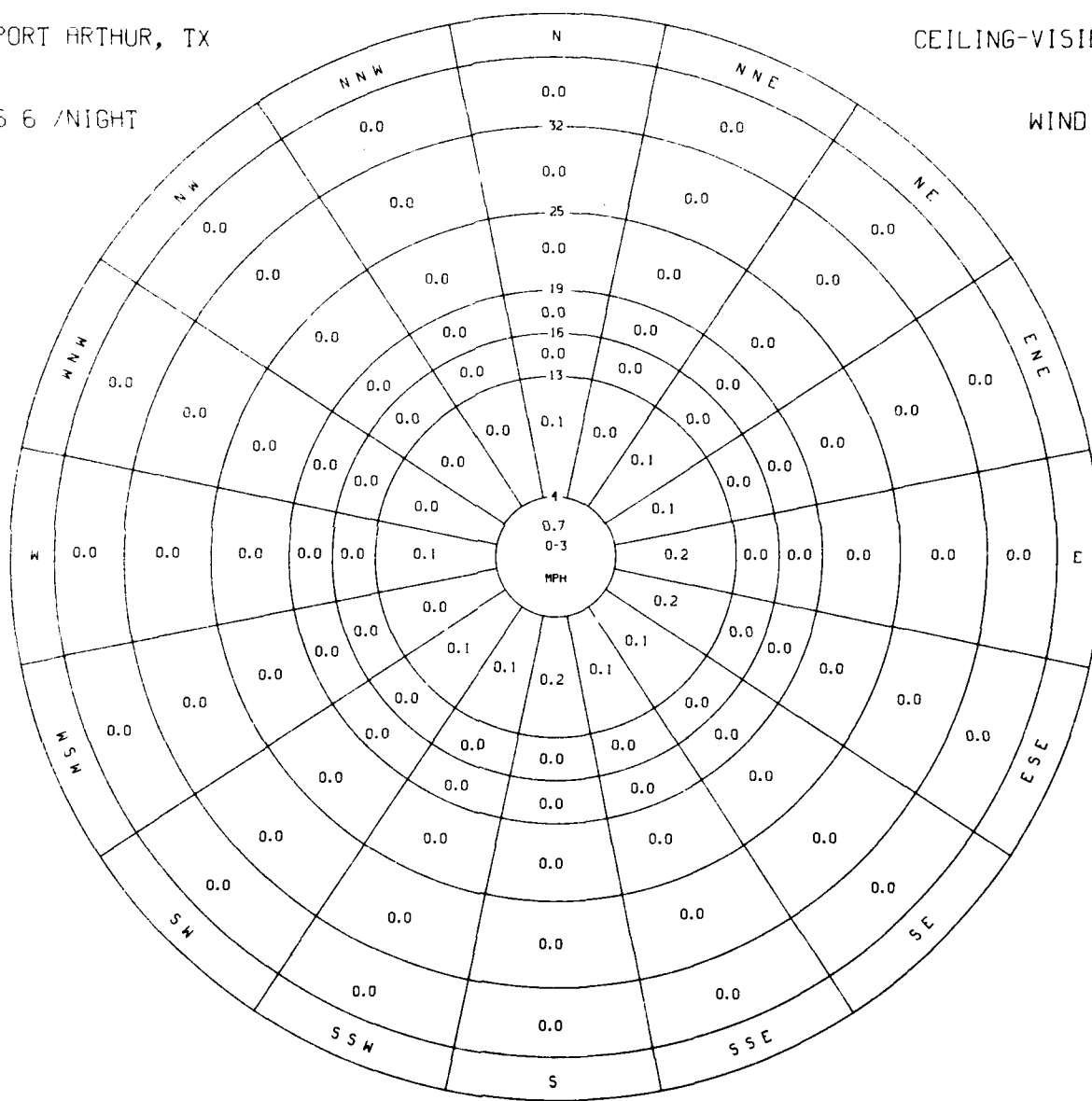
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.0
NNE	.0	1.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.2
NE	.0	1.4	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.4
ENE	.0	2.9	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	5.5
E	.0	1.4	.0	10.6	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	13.5	7.0
ESE	.0	1.4	.0	8.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	7.4
SE	.0	1.4	.0	3.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	8.0
SSE	.0	.5	.0	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.3
S	.0	.0	.0	2.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	10.2
SSW	.0	1.4	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.5
SW	.0	1.9	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.1
WSW	.0	.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.8
W	.0	1.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.0
WNW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0
NW	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.2
NNW	.0	1.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.7
CALM	.0	11.5														11.5	
TOTAL	.1	31.7	.3	61.5	.0	6.3	.0	.5	.0	.0	.0	.0	.0	.0	.4	100	5.8

BPT PORT ARTHUR, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BPT PORT ARTHUR, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 12917

NO. OBS.: 886

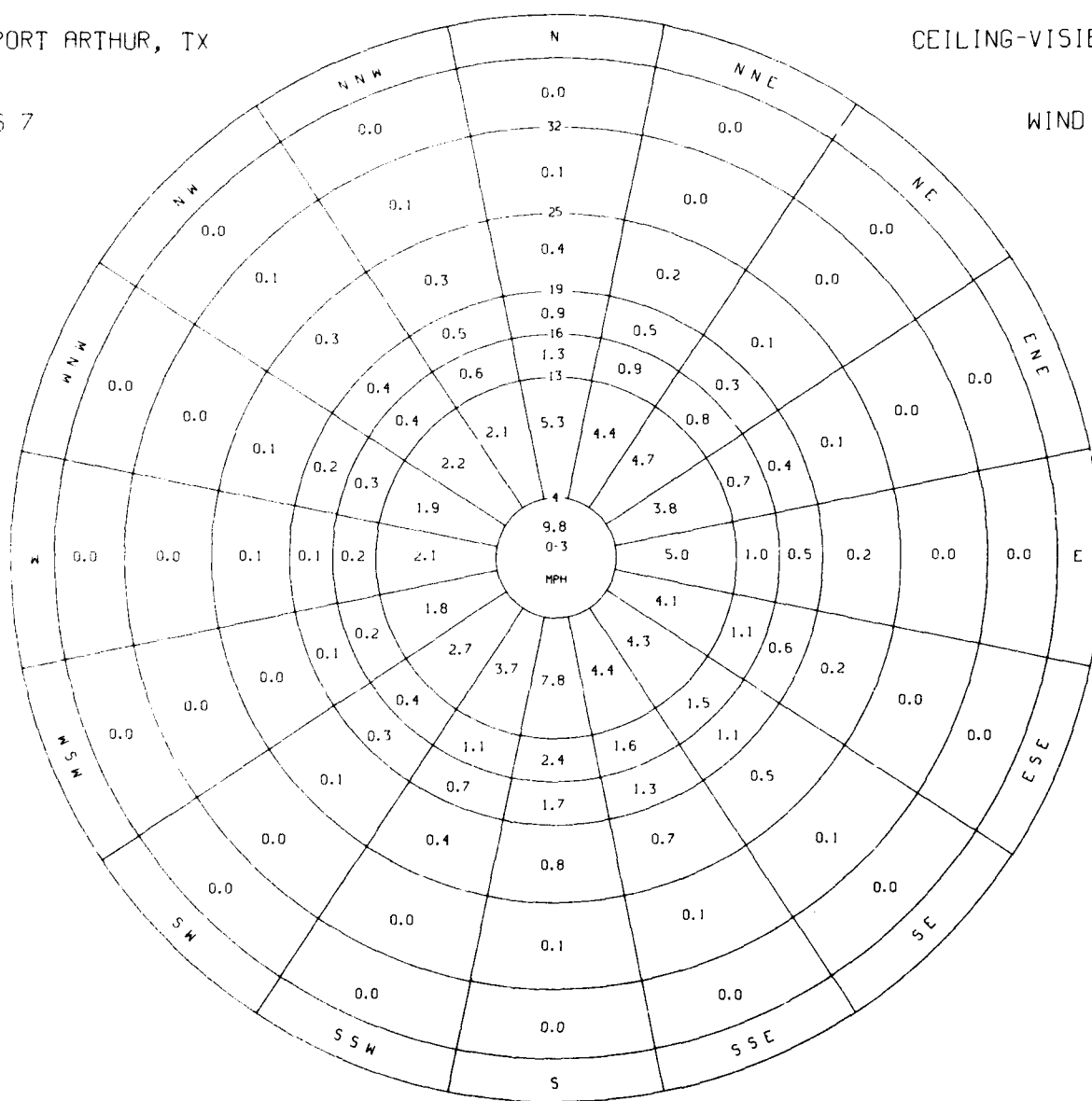
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.8	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	5.9
NNE	.0	.6	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.6
NE	.0	1.4	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	4.9
ENE	.0	1.0	.1	3.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	6.0
E	.0	1.5	.2	8.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.9	6.9
ESE	.0	1.0	.2	8.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	10.3	7.7
SE	.0	1.4	.1	5.6	.0	.5	.0	.7	.0	.1	.0	.0	.0	.0	.2	8.2	8.0
SSE	.0	.9	.1	4.1	.0	.7	.0	.3	.0	.1	.0	.0	.0	.0	.1	6.1	8.7
S	.0	2.1	.2	7.9	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.2	11.1	7.1
SSW	.0	.9	.1	6.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.7	7.2
SW	.0	1.2	.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.7	5.9
WSW	.0	.8	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	5.8
W	.0	1.0	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.5
WNW	.0	.6	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.9
NW	.0	.6	.0	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	6.1
NNW	.0	1.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	4.6
CALM	.3	12.5													.3	12.5	
TOTAL	.7	29.5	1.5	64.8	.1	4.3	.0	1.2	.0	.2	.0	.0	.0	.0	2.3	100	5.9

BPT PORT ARTHUR, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

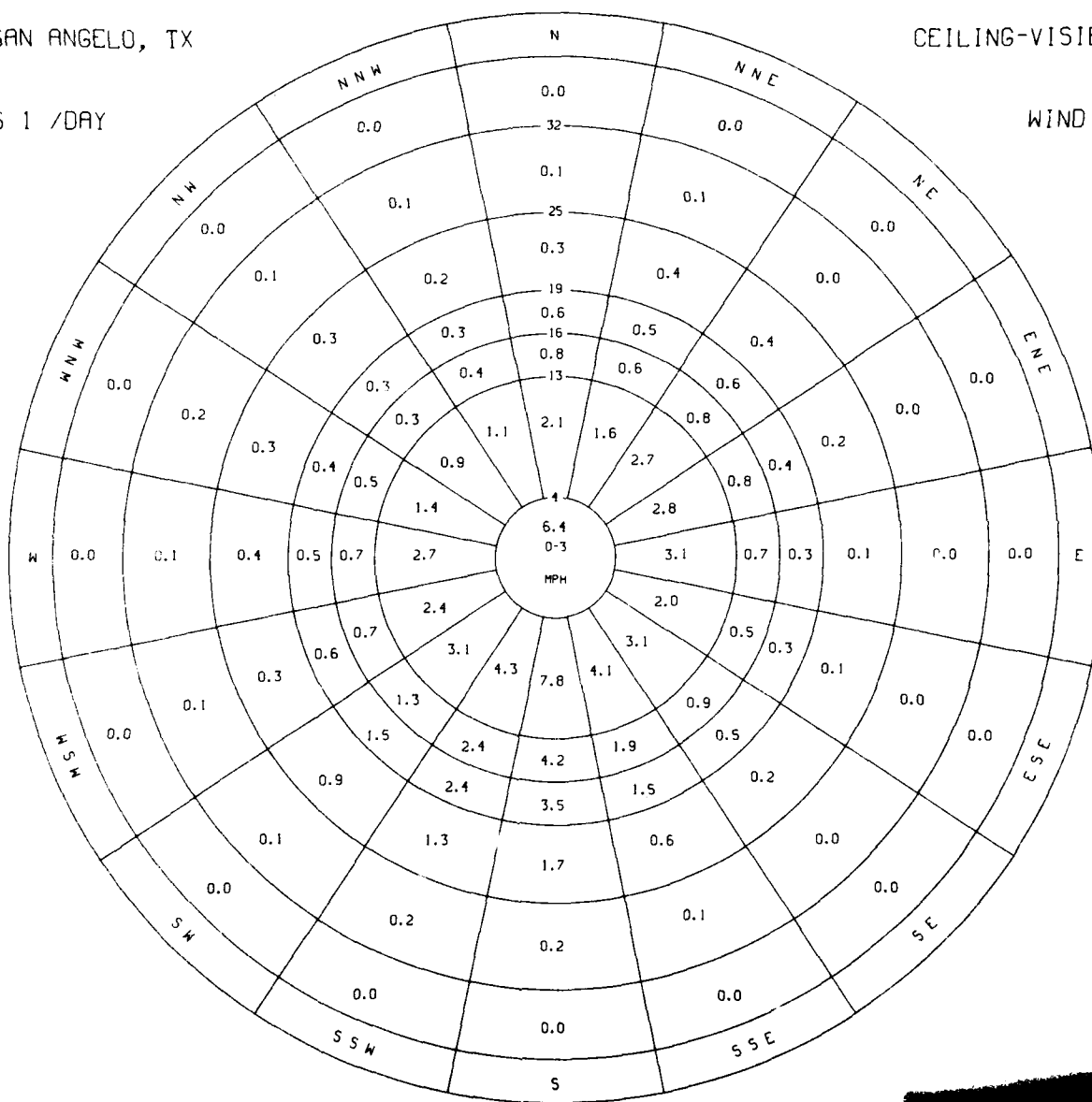


SJT SAN ANGELO, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SGT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 23034

NO. OBS.: 41904

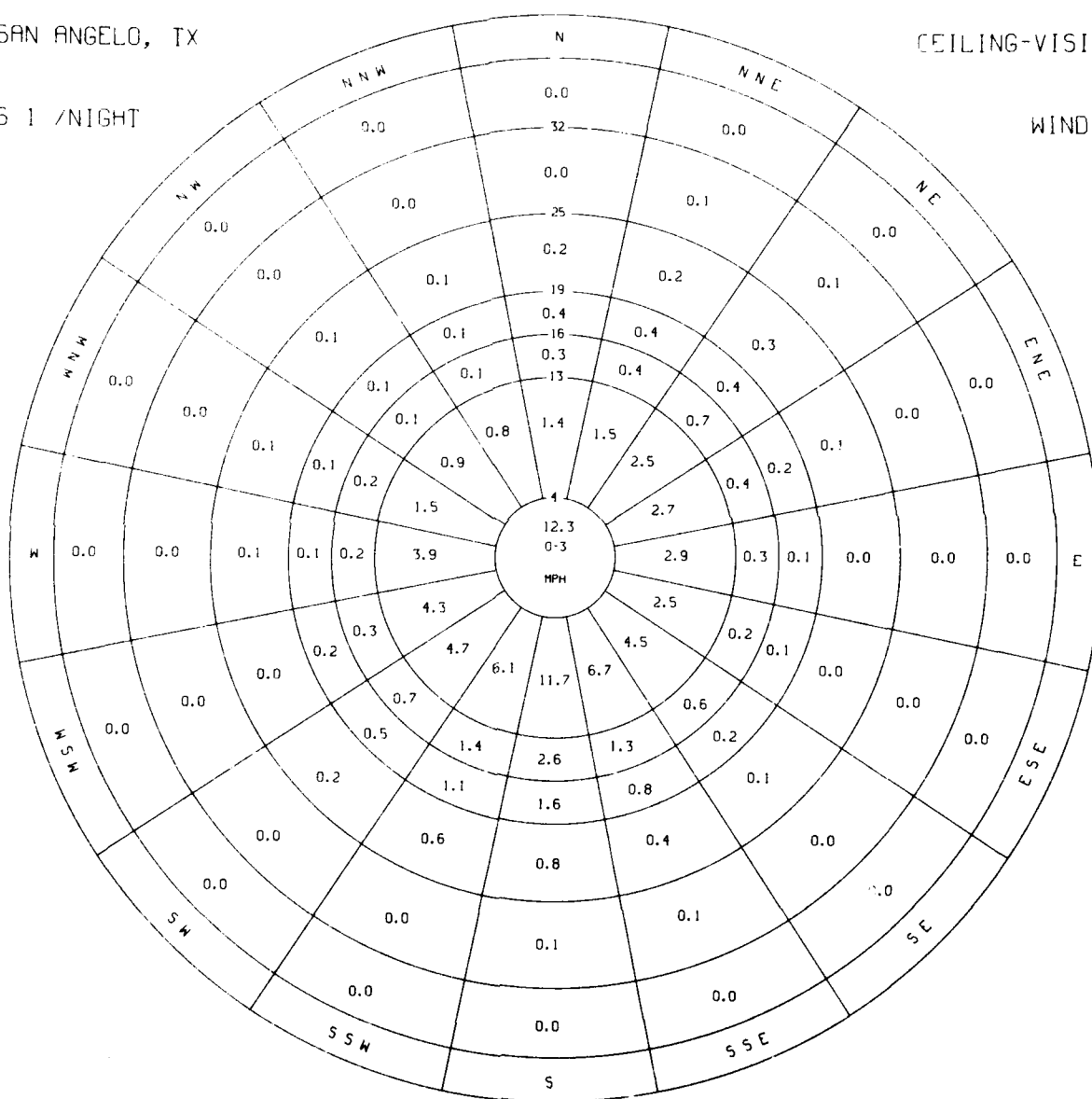
D I R	SPEED GROUPS (MPH)														AVG WIN th SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.1	2.1	2.3	.8	.8	.6	.7	.3	.3	.1	.1	.0	.0	4.0	4.3	12.2
NNE	.1	.1	1.6	1.7	.6	.6	.5	.6	.4	.4	.1	.1	.0	.0	3.3	3.5	12.8
NE	.1	.1	2.7	2.9	.8	.9	.6	.7	.4	.4	.0	.1	.0	.0	4.7	5.0	11.7
ENE	.1	.1	2.8	3.0	.8	.8	.4	.4	.2	.2	.0	.0	.0	.0	4.3	4.6	11.0
E	.1	.1	3.1	3.4	.7	.8	.3	.4	.1	.1	.0	.0	.0	.0	4.4	4.7	10.2
ESE	.1	.1	2.0	2.2	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	3.0	3.2	10.5
SE	.1	.1	3.1	3.4	.9	.9	.5	.6	.2	.2	.0	.0	.0	.0	4.9	5.2	10.9
SSE	.1	.1	4.1	4.4	1.9	2.0	1.5	1.6	.6	.7	.1	.1	.0	.0	8.3	8.9	12.6
S	.2	.2	7.8	8.4	4.2	4.6	3.5	3.8	1.7	1.9	.2	.2	.0	.0	17.6	19.0	13.1
SSW	.1	.1	4.3	4.6	2.4	2.6	2.4	2.6	1.3	1.4	.2	.2	.0	.0	10.7	11.5	13.8
SW	.1	.1	3.1	3.3	1.3	1.4	1.5	1.6	.9	1.0	.1	.1	.0	.0	7.0	7.5	13.2
WSW	.1	.1	2.4	2.6	.7	.7	.6	.7	.3	.3	.1	.1	.0	.0	4.2	4.5	11.7
W	.1	.1	2.7	3.0	.7	.7	.5	.5	.4	.4	.1	.1	.0	.0	4.6	4.9	11.6
WNW	.1	.1	1.4	1.5	.5	.5	.4	.4	.3	.4	.2	.2	.0	.1	2.9	3.2	13.5
NW	.1	.1	.9	1.0	.3	.4	.3	.3	.3	.3	.1	.1	.0	.0	2.0	2.2	13.0
NNW	.1	.1	1.1	1.2	.4	.4	.3	.3	.2	.3	.1	.1	.0	.0	2.1	2.3	12.4
CALM	4.9	5.3													4.9	5.3	
TOTAL	6.4	6.9	45.3	48.9	17.4	18.8	14.4	15.5	7.7	8.3	1.3	1.4	.2	.2	92.7	100	11.8

SJT SAN ANGELO, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJT SAN ANGELO, TX

PERIOD: 1949-197

CLASS 1 / NIGHT

STATION NUMBER: 23034

NO. OBS.: 3340

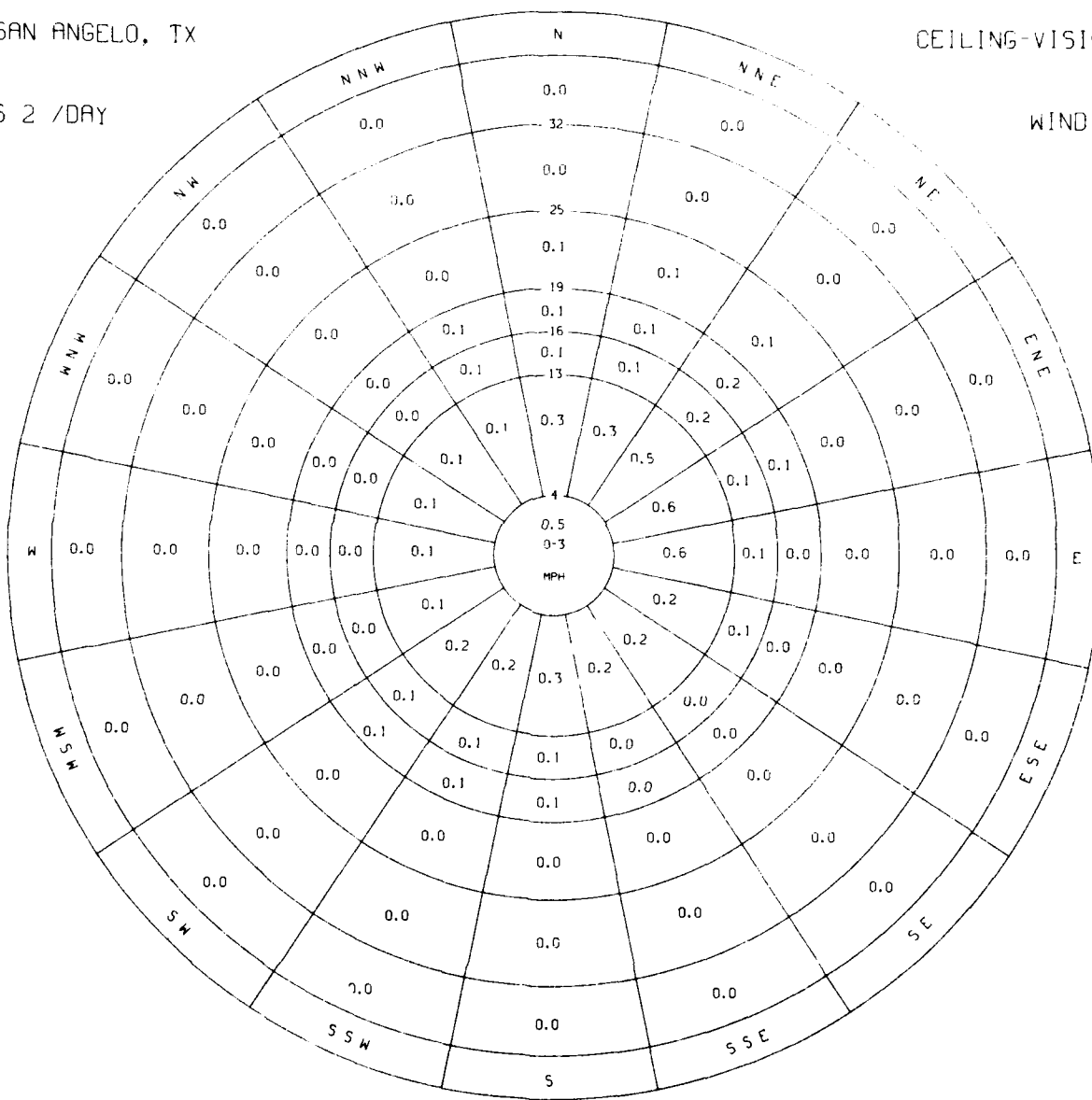
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.1	1.4	1.6	.3	.4	.4	.4	.2	.2	.0	.0	.0	.0	2.4	2.7	11.2
NNE	.1	.1	1.5	1.6	.4	.5	.4	.4	.2	.3	.1	.1	.0	.0	2.6	2.9	11.8
NE	.1	.2	2.5	2.8	.7	.7	.4	.5	.3	.3	.1	.1	.0	.0	4.2	4.6	11.2
ENE	.1	.1	2.7	2.9	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	3.5	3.9	9.6
E	.1	.1	2.9	3.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.4	3.7	8.4
ESE	.1	.1	2.5	2.8	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.4	8.5
SE	.2	.2	4.5	4.9	.6	.6	.2	.3	.1	.1	.0	.0	.0	.0	5.6	6.1	8.9
SSE	.2	.2	6.7	7.3	1.3	1.4	.8	.9	.4	.4	.1	.1	.0	.0	9.4	10.3	10.4
S	.2	.3	11.7	12.8	2.6	2.9	1.6	1.7	.8	.9	.1	.1	.0	.0	17.1	18.7	10.7
SSW	.2	.3	6.1	6.7	1.4	1.5	1.1	1.2	.6	.6	.0	.0	.0	.0	9.4	10.4	10.8
SW	.3	.3	4.7	5.2	.7	.8	.5	.6	.2	.2	.0	.0	.0	.0	6.5	7.1	9.4
WSW	.2	.2	4.3	4.7	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	5.0	5.5	8.0
W	.2	.2	3.9	4.2	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	4.5	5.0	8.4
WNW	.1	.1	1.5	1.7	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.0	2.2	9.6
NW	.1	.1	.9	1.0	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.3	1.5	9.7
NNW	.1	.1	.8	.8	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.2	1.3	10.9
CALM	9.9	10.9													9.9	10.9	
TOTAL	12.3	13.5	58.6	64.3	10.0	11.0	6.4	7.0	3.2	3.5	.5	.6	.1	.1	91.2	100	8.9

SJT SAN ANGELO, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY W'ND TABULATIONS

ANNUAL

STATION NAME: LIT SAN ANGELO, TX

PERIOD: 1949-50

CLASS 2 / DAY

STATION NUMBER: 23034

NO. OBS.: 32

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.2	.3	3.8	.1	1.9	.1	1.4	.1	.9	.0	.1	.0	.0	.6	8.2	12.9
NNE	.0	.1	.3	3.9	.1	2.0	.1	1.4	.1	.8	.0	.2	.0	.0	.6	8.4	13.1
NE	.0	.1	.5	7.4	.2	3.0	.2	2.2	.1	1.3	.0	.2	.0	.0	1.0	14.3	12.6
ENE	.0	.0	.6	7.9	.1	2.5	.1	1.4	.0	.6	.0	.1	.0	.0	.9	12.0	11.3
E	.0	.3	.6	7.6	.1	1.6	.0	.5	.0	.2	.0	.0	.0	.0	.8	10.3	9.7
ESE	.0	.1	.2	3.3	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.3	4.4	9.5
SE	.0	.2	.2	2.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.8	9.1
SSE	.0	.1	.2	2.2	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.2	3.3	10.3
S	.0	.1	.3	3.7	.1	1.7	.1	1.6	.0	.4	.0	.0	.0	.1	.5	7.5	12.3
SSW	.0	.1	.2	2.8	.1	1.1	.1	.8	.0	.6	.0	.2	.0	.0	.4	5.6	13.1
SW	.0	.0	.2	2.4	.1	1.5	.1	.9	.0	.5	.0	.1	.0	.0	.4	5.3	13.0
WSW	.0	.1	.1	1.7	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	2.4	10.4
W	.0	.1	.1	1.4	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	2.1	11.3
WNW	.0	.1	.1	1.1	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	1.7	13.6
NW	.0	.1	.1	1.1	.0	.5	.0	.2	.0	.1	.0	.1	.0	.0	.0	2.3	13.6
NNW	.0	.2	.1	1.5	.1	.7	.1	.7	.0	.4	.0	.1	.0	.0	.0	3.5	12.9
CALM	.4	5.7													.4	5.7	
TOTAL	.5	7.5	3.9	54.0	1.3	18.3	.9	12.2	.4	6.2	.1	1.2	.0	.6	7.2	109	11.2

UNCLASSIFIED

WIND -
JUN 81

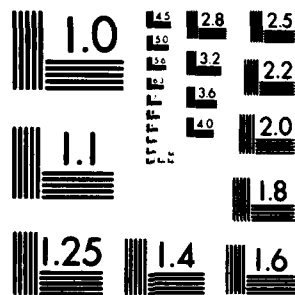
F/G 4/2

DOT-FA79WAI-057

NL

5 · 6

• **Stress** is a response to a stimulus that is perceived as a threat to well-being.



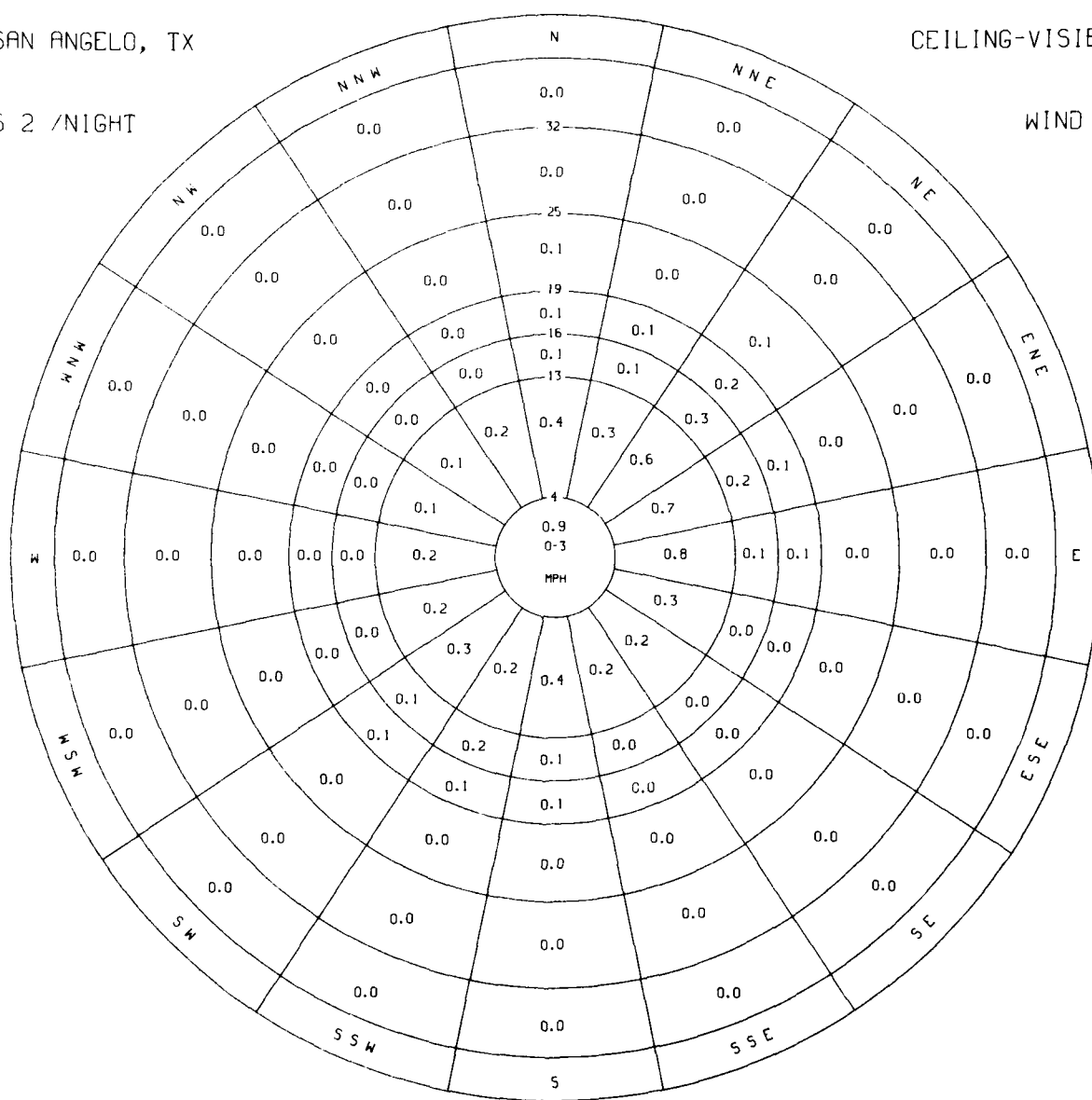
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

SJT SAN ANGELO, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23034

NO. OBS.: 3211

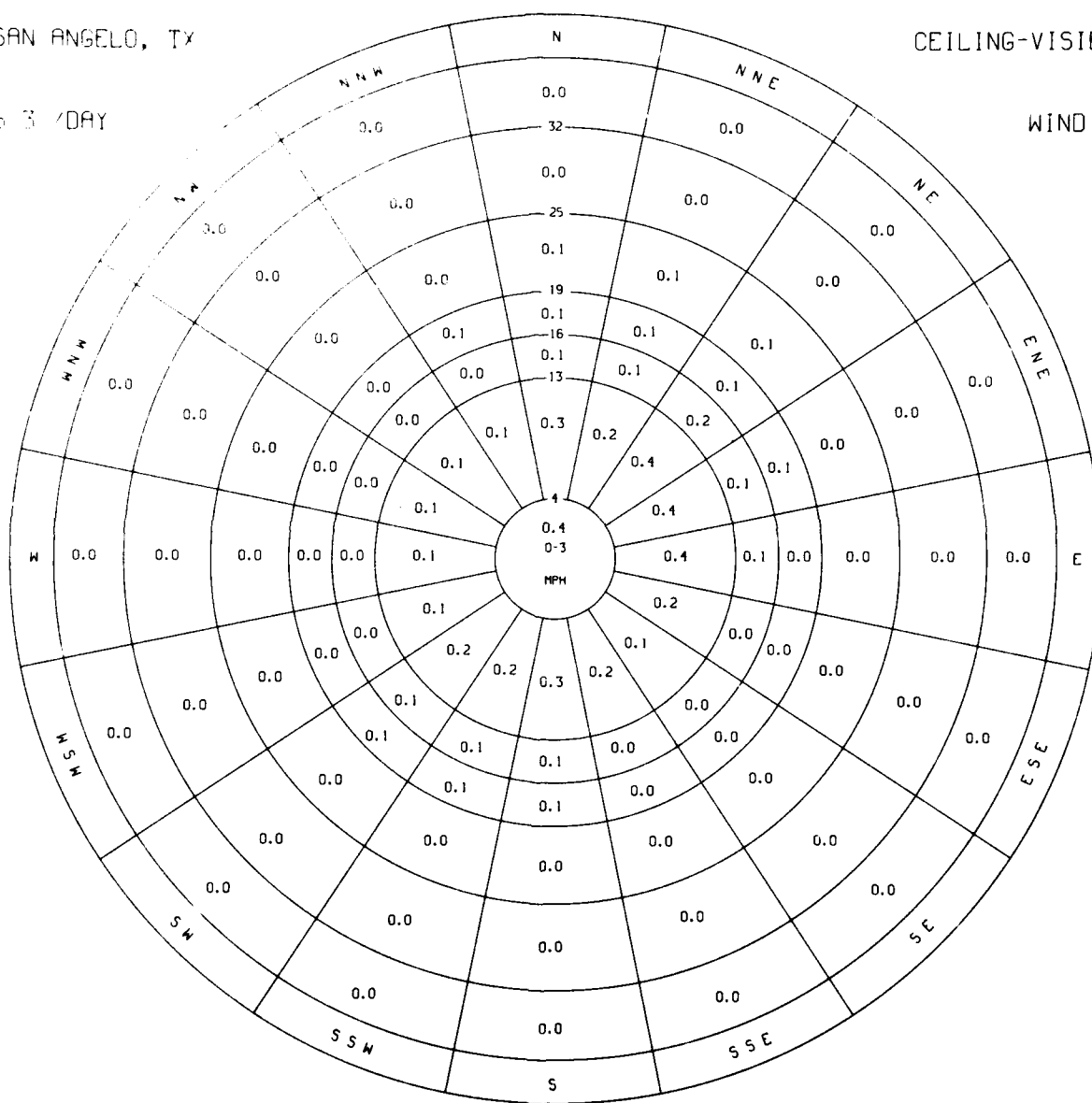
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.4	4.3	.1	1.6	.1	1.2	.1	.6	.0	.1	.0	.0	.7	7.9	12.0
NNE	.0	.1	.3	3.7	.1	1.5	.1	1.3	.0	.5	.0	.3	.0	.0	.6	7.4	12.8
NE	.0	.4	.6	6.6	.3	2.9	.2	1.8	.1	.8	.0	.1	.0	.0	1.1	12.5	11.8
ENE	.0	.2	.7	8.4	.2	2.2	.1	1.0	.0	.4	.0	.0	.0	.0	1.1	12.2	10.6
E	.0	.2	.8	8.7	.1	.9	.1	.6	.0	.1	.0	.0	.0	.0	.9	10.5	9.1
ESE	.0	.2	.3	3.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.9	8.0
SE	.0	.2	.2	2.3	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.9	8.4
SSE	.0	.0	.2	2.3	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.0	9.7
S	.0	.2	.4	4.4	.1	1.2	.1	.9	.0	.5	.0	.0	.0	.0	.6	7.2	11.3
SSW	.0	.1	.2	2.8	.2	1.7	.1	1.3	.0	.6	.0	.1	.0	.0	.6	6.6	13.0
SW	.0	.1	.3	3.7	.1	1.5	.1	.8	.0	.5	.0	.0	.0	.0	.6	6.6	11.9
WSW	.0	.1	.2	2.1	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.2	2.6	10.1
W	.0	.1	.2	1.7	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.0	9.3
WNW	.0	.1	.1	.9	.0	.2	.0	.0	.0	.1	.0	.1	.0	.0	.1	1.4	11.0
NW	.0	.0	.1	1.6	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.2	2.3	10.6
NNW	.0	.1	.2	1.7	.0	.3	.0	.3	.0	.2	.0	.1	.0	.0	.2	2.7	11.6
CALM	.7	8.2													.7	8.2	
TOTAL	.9	10.4	5.1	58.4	1.4	15.6	.9	10.1	.4	4.5	.1	.8	.0	.2	8.8	100	10.1

SJT SAN ANGELO, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 3 / DAY

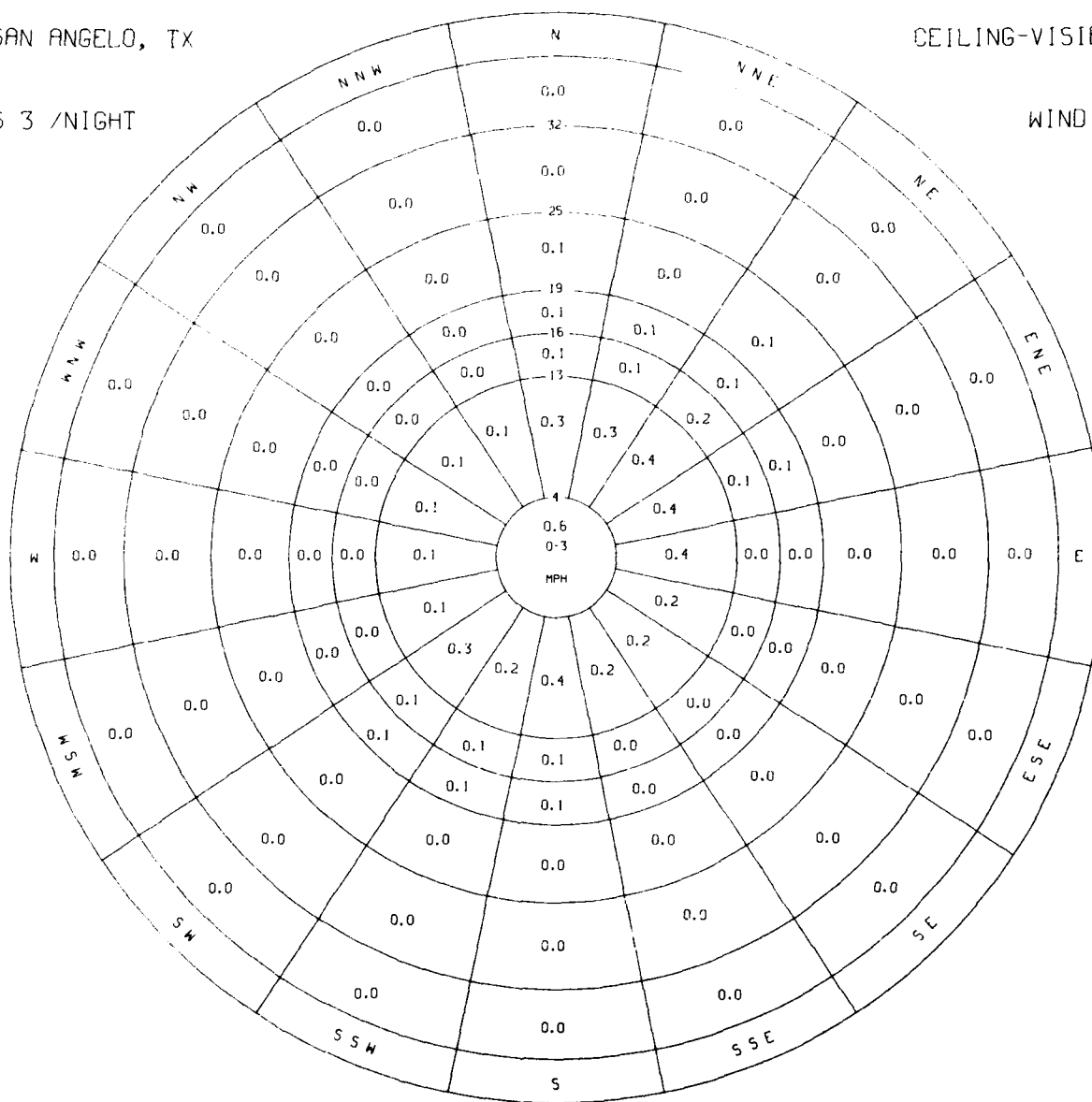
STATION NUMBER: 23034

NO. OBS.: 2835

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.3	4.0	.1	2.1	.1	1.6	.1	.9	.0	.1	.0	.0	.6	9.8	13.1
NNE	.0	.1	.2	3.9	.1	2.2	.1	1.6	.1	.8	.0	.2	.0	.0	.6	8.9	13.2
NE	.0	.1	.4	6.9	.2	2.9	.1	2.3	.1	1.3	.0	.2	.0	.0	.9	13.6	12.8
ENE	.0	.0	.4	6.6	.1	1.8	.1	1.5	.0	.7	.0	.1	.0	.0	.7	10.7	11.6
E	.0	.2	.4	6.4	.1	1.6	.0	.5	.0	.2	.0	.0	.0	.0	.6	8.9	9.9
ESE	.0	.1	.2	3.1	.0	.7	.0	.2	.0	.1	.0	.0	.0	.0	.3	4.2	9.6
SE	.0	.1	.1	2.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2	3.0	9.3
SSE	.0	.1	.2	2.4	.0	.7	.0	.5	.0	.0	.0	.0	.0	.0	.2	3.7	10.4
S	.0	.1	.3	4.0	.1	1.9	.1	1.8	.0	.5	.0	.0	.0	.1	.5	8.4	12.5
SSW	.0	.1	.2	3.1	.1	1.3	.1	.9	.0	.7	.0	.2	.0	.0	.4	6.2	13.2
SW	.0	.0	.2	2.5	.1	1.7	.1	1.0	.0	.5	.0	.1	.0	.0	.4	5.9	13.2
WSW	.0	.1	.1	1.7	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.2	2.5	10.6
W	.0	.1	.1	1.4	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.1	2.1	11.0
WNW	.0	.1	.1	1.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.6	12.5
NW	.0	.1	.1	1.2	.0	.6	.0	.3	.0	.1	.0	.0	.0	.1	.2	2.5	12.7
NNW	.0	.2	.1	1.6	.0	.8	.1	.8	.0	.4	.0	.0	.0	.0	.2	3.7	12.7
CALM	.3	5.3													.3	5.3	
TOTAL	.4	7.0	3.3	52.2	1.2	19.2	.8	13.5	.4	6.5	.1	1.2	.0	.5	6.3	100	11.4

CLASS 3 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SJT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 23034

NO. OBS.: 2471

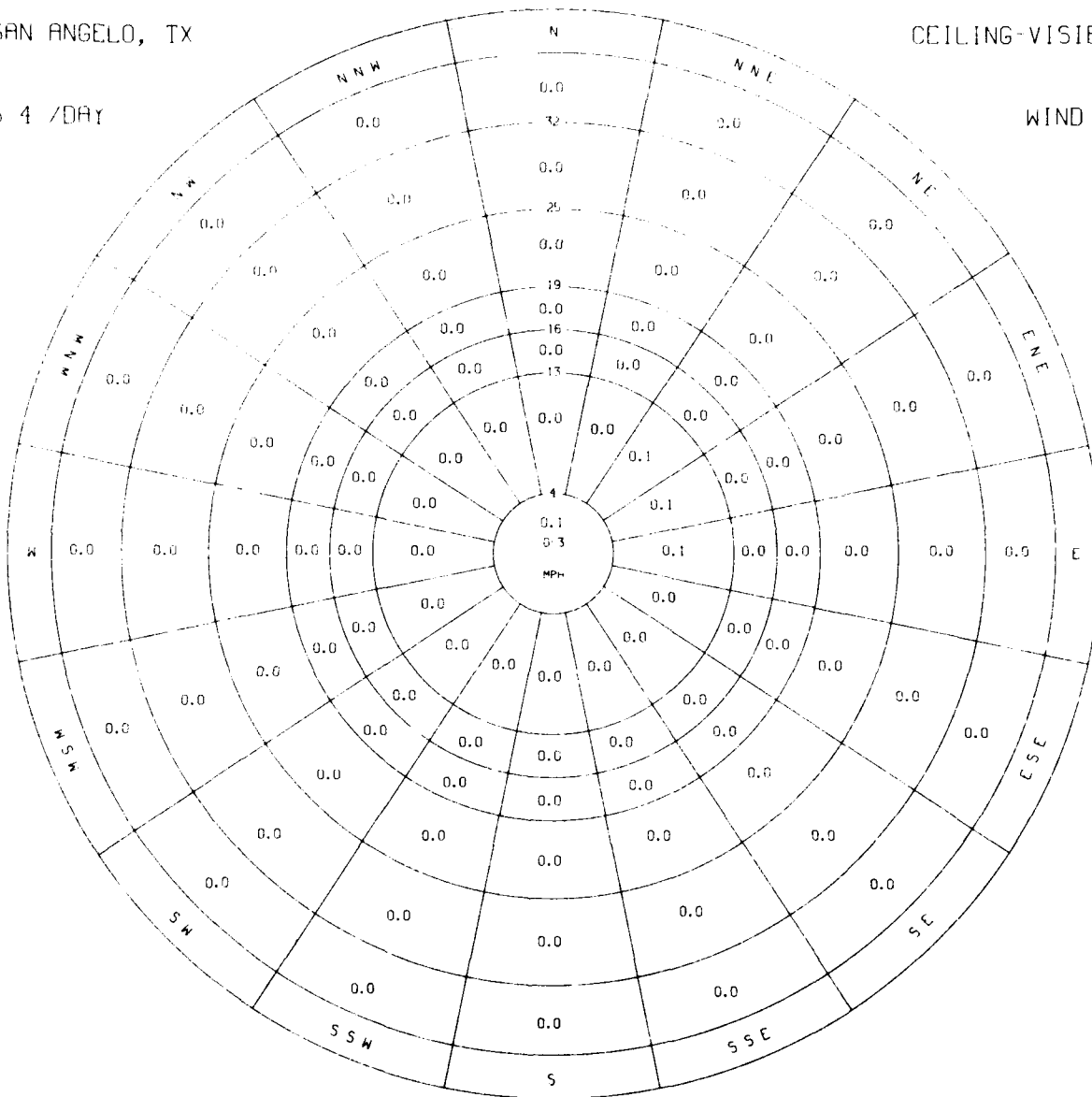
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.3	4.7	.1	1.9	.1	1.5	.1	.8	.0	.0	.0	.0	.6	9.1	12.4
NNE	.0	.1	.3	3.8	.1	1.7	.1	1.6	.0	.6	.0	.3	.0	.0	.5	8.1	13.2
NE	.0	.2	.4	5.8	.2	2.7	.1	1.9	.1	.9	.0	.1	.0	.0	.8	11.7	12.5
ENE	.0	.0	.4	6.3	.1	1.4	.1	1.0	.0	.4	.0	.0	.0	.0	.6	9.1	10.9
E	.0	.1	.4	6.5	.0	.7	.0	.6	.0	.0	.0	.0	.0	.0	.5	8.0	9.2
ESE	.0	.2	.2	3.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.7	7.9
SE	.0	.2	.2	2.6	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	3.2	8.7
SSE	.0	.0	.2	2.7	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.2	3.6	9.9
S	.0	.2	.4	5.2	.1	1.5	.1	1.1	.0	.7	.0	.0	.0	.0	.6	8.8	11.5
SSW	.0	.1	.2	3.5	.1	2.1	.1	1.7	.0	.7	.0	.1	.0	.0	.5	8.1	13.2
SW	.0	.1	.3	4.2	.1	1.8	.1	1.1	.0	.7	.0	.0	.0	.0	.5	7.9	12.3
WSW	.0	.1	.1	2.1	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.2	2.8	10.6
W	.0	.0	.1	1.3	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.1	1.7	10.3
WNW	.0	.0	.1	1.0	.0	.2	.0	.0	.0	.1	.0	.1	.0	.0	.1	1.5	11.4
NW	.0	.0	.1	1.7	.0	.5	.0	.2	.0	.2	.0	.0	.0	.0	.2	2.7	10.4
NNW	.0	.1	.1	1.9	.0	.4	.0	.4	.0	.2	.0	.1	.0	.0	.2	3.0	11.8
CALM	.5	6.8													.5	6.8	
TOTAL	.6	8.6	3.8	56.6	1.1	16.2	.8	11.9	.4	5.5	.1	.9	.0	.2	6.7	100	10.7

SJT SAN ANGELO, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SOT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 23034

NO. OBS.: 331

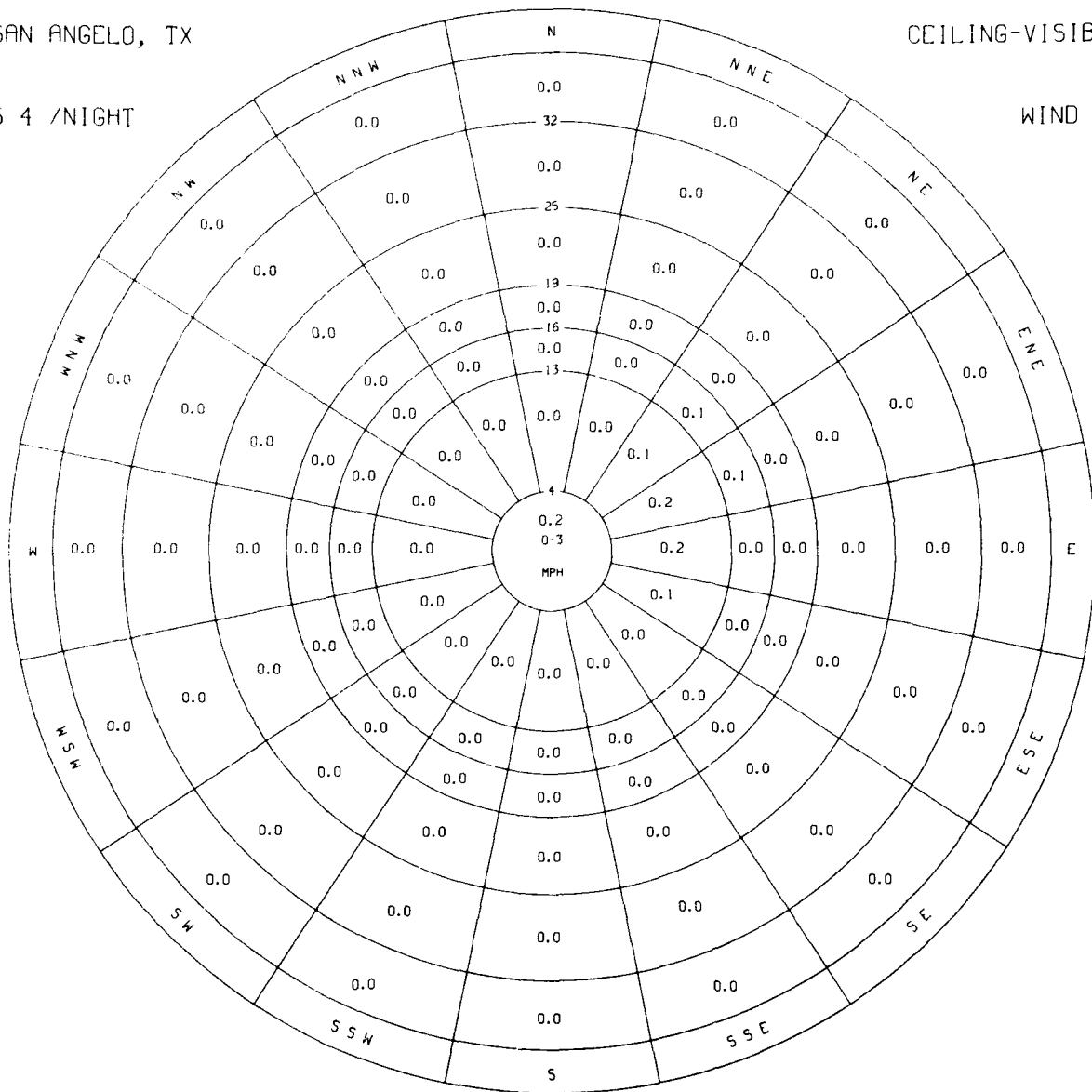
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.6	.0	3.0	.0	.9	.0	.0	.0	.9	.0	.0	.0	.0	.0	5.4	10.5
NNE	.0	.0	.0	4.2	.0	.9	.0	.3	.0	.9	.0	.0	.0	.0	.0	6.3	12.8
NE	.0	.3	.1	12.1	.0	4.8	.0	2.4	.0	1.5	.0	.0	.0	.0	.2	21.1	11.8
ENE	.0	.0	.1	13.3	.0	2.7	.0	1.5	.0	.3	.0	.3	.0	.0	.1	18.1	10.6
E	.0	.6	.1	15.7	.0	2.1	.0	.6	.0	.6	.0	.0	.0	.0	.1	19.6	9.2
ESE	.0	.0	.0	5.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	9.3
SE	.0	.3	.0	1.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.1	7.4
SSE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.5
S	.0	.3	.0	2.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.7	9.0
SSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.9	11.3
SW	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.0
WSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	12.0
W	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	1.8	10.8
WNW	.0	.0	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.3	.0	1.2	.0	3.0	21.8
NW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.0	.9	24.3
NNW	.0	.0	.0	.9	.0	.3	.0	.0	.0	.6	.0	.3	.0	.0	.0	2.1	16.7
CALM	.1	6.9													.1	6.9	
TOTAL	.1	9.4	.5	63.4	.1	13.6	.0	5.4	.0	5.1	.0	1.5	.0	1.5	.7	100	10.3

SJT SAN ANGELO, TX

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SUT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 23034

NO. OBS.: 470

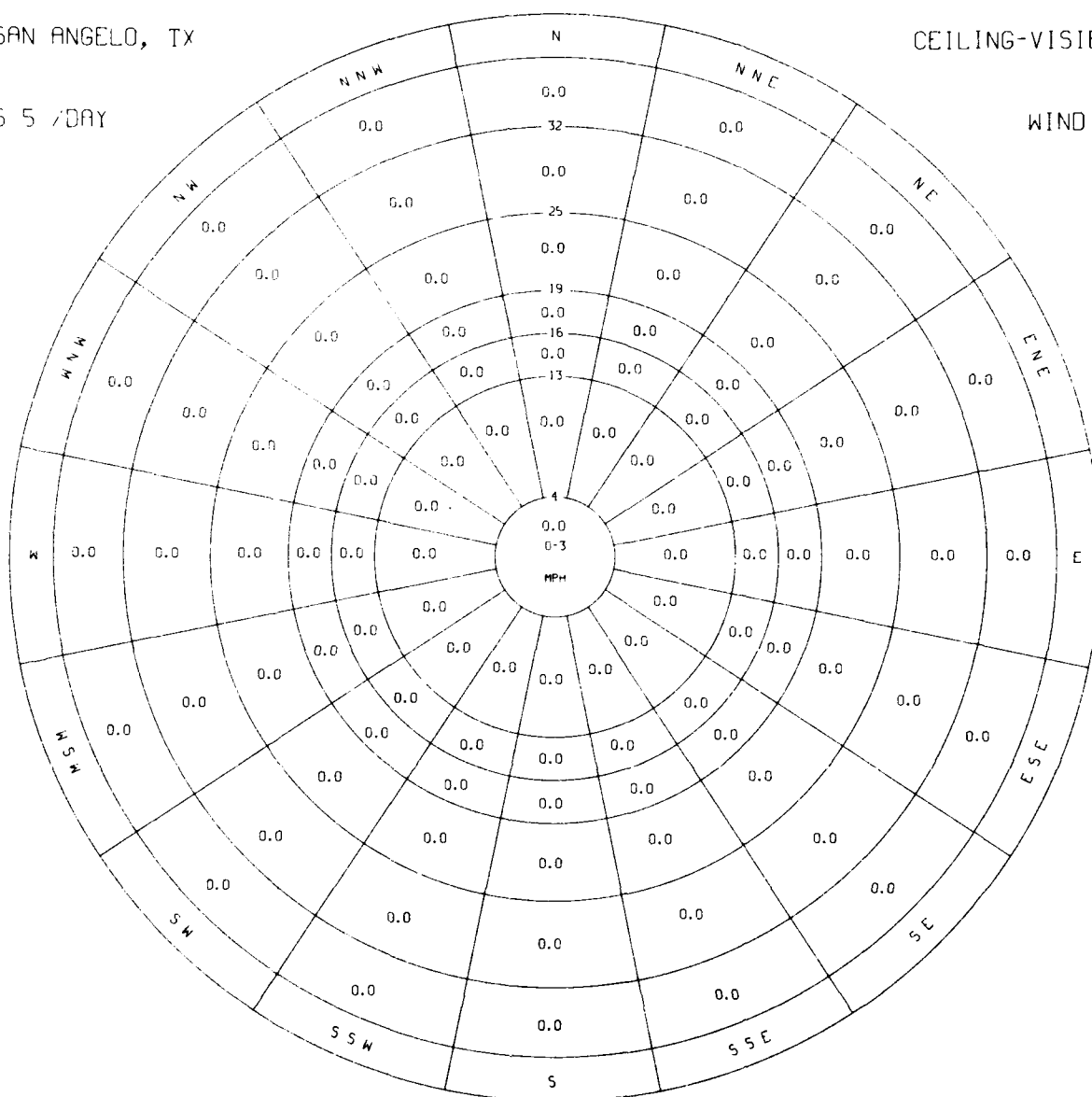
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	3.2	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.1	4.0	9.5
NNE	.0	.2	.0	3.6	.0	1.5	.0	.4	.0	.2	.0	.2	.0	.0	.1	6.2	11.2
NE	.0	1.1	.1	9.4	.1	5.1	.0	1.5	.0	.6	.0	.0	.0	.0	.2	17.7	10.7
ENE	.0	.2	.2	16.0	.1	5.1	.0	1.3	.0	.4	.0	.0	.0	.0	.3	23.0	10.4
E	.0	.9	.2	16.4	.0	1.5	.0	.4	.0	.2	.0	.0	.0	.0	.2	19.4	8.6
ESE	.0	.0	.1	4.0	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.9	9.0
SE	.0	.0	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.8
SSE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.0
S	.0	.0	.0	1.3	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.5	7.9
SSW	.0	.2	.0	.2	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.3	11.3
SW	.0	.0	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	11.4
WSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	8.0
W	.0	.2	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.8
WNW	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	12.0
NW	.0	.0	.0	1.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.2	.0	1.5	14.3
NNW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.5	9.0
CALM	.1	11.1													.1	11.1	
TOTAL	.2	13.8	.8	63.4	.2	16.0	.1	4.5	.0	1.7	.0	.4	.0	.2	1.3	100	8.8

SJT SAN ANGELO, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SUT SAN ANGELO, TX

PERIOD: 1949-1977

CLASS 5 / DAY

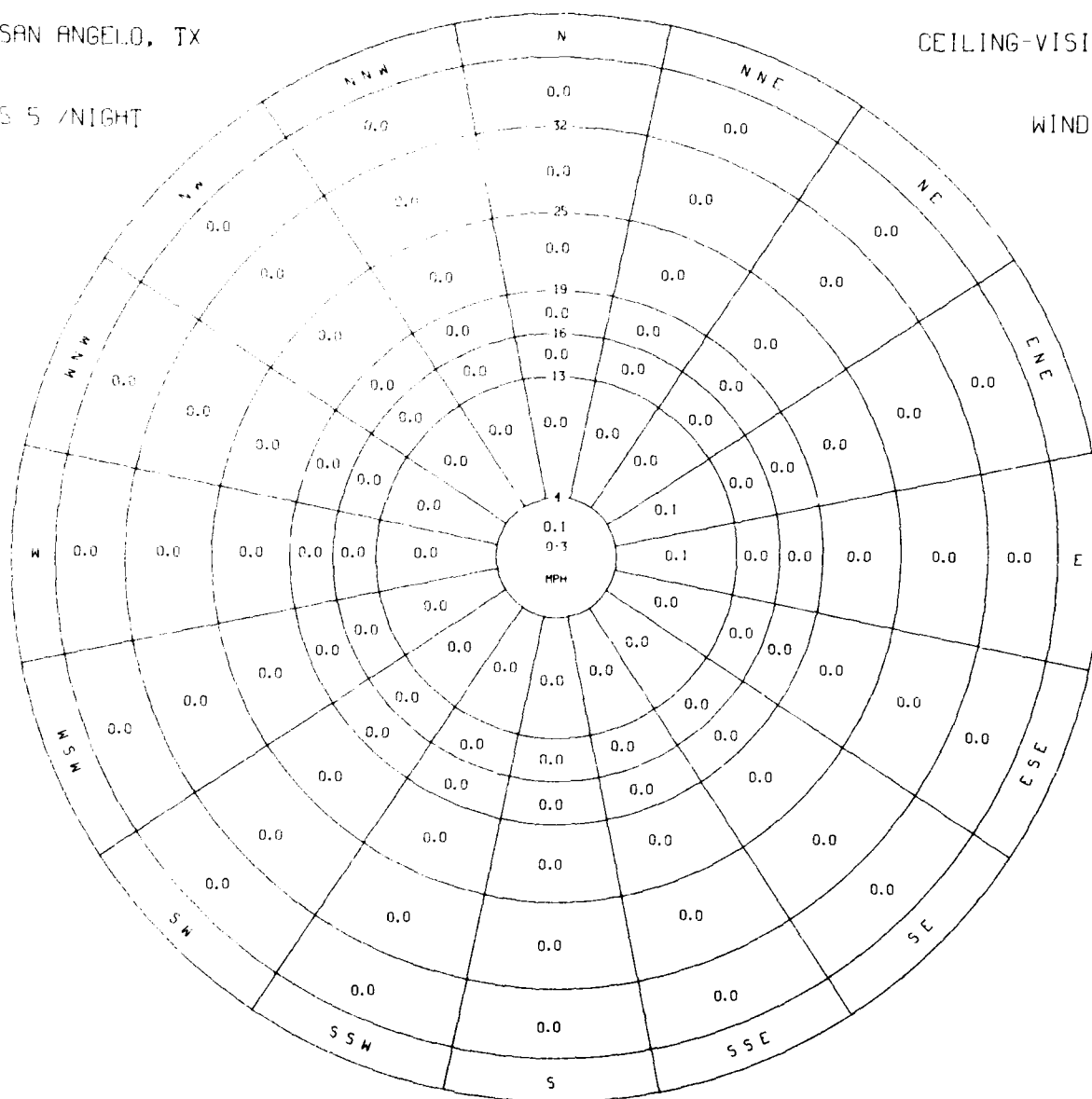
STATION NUMBER: 23034

NO. OBS.: 7

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0
NNE	.0	.0	.0	3.8	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	9.4
NE	.0	.0	.0	6.3	.0	2.5	.0	.0	.0	1.3	.0	.0	.0	1.3	.0	11.4	14.9
ENE	.0	.0	.0	24.1	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.6	9.9
E	.0	1.3	.0	19.0	.0	2.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	24.1	8.6
ESE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	5.1	13.0
WSW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	8.5
W	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	3.8	18.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	1.3	44.0
NNW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	3.8	10.7
CALM	.0	10.1													.0	10.1	
TOTAL	.0	12.7	.1	68.4	.0	10.1	.0	1.3	.0	2.5	.0	1.3	.0	3.8	.2	100	9.8

CLASS 5 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SUT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 23034

NO. OBS.: 149

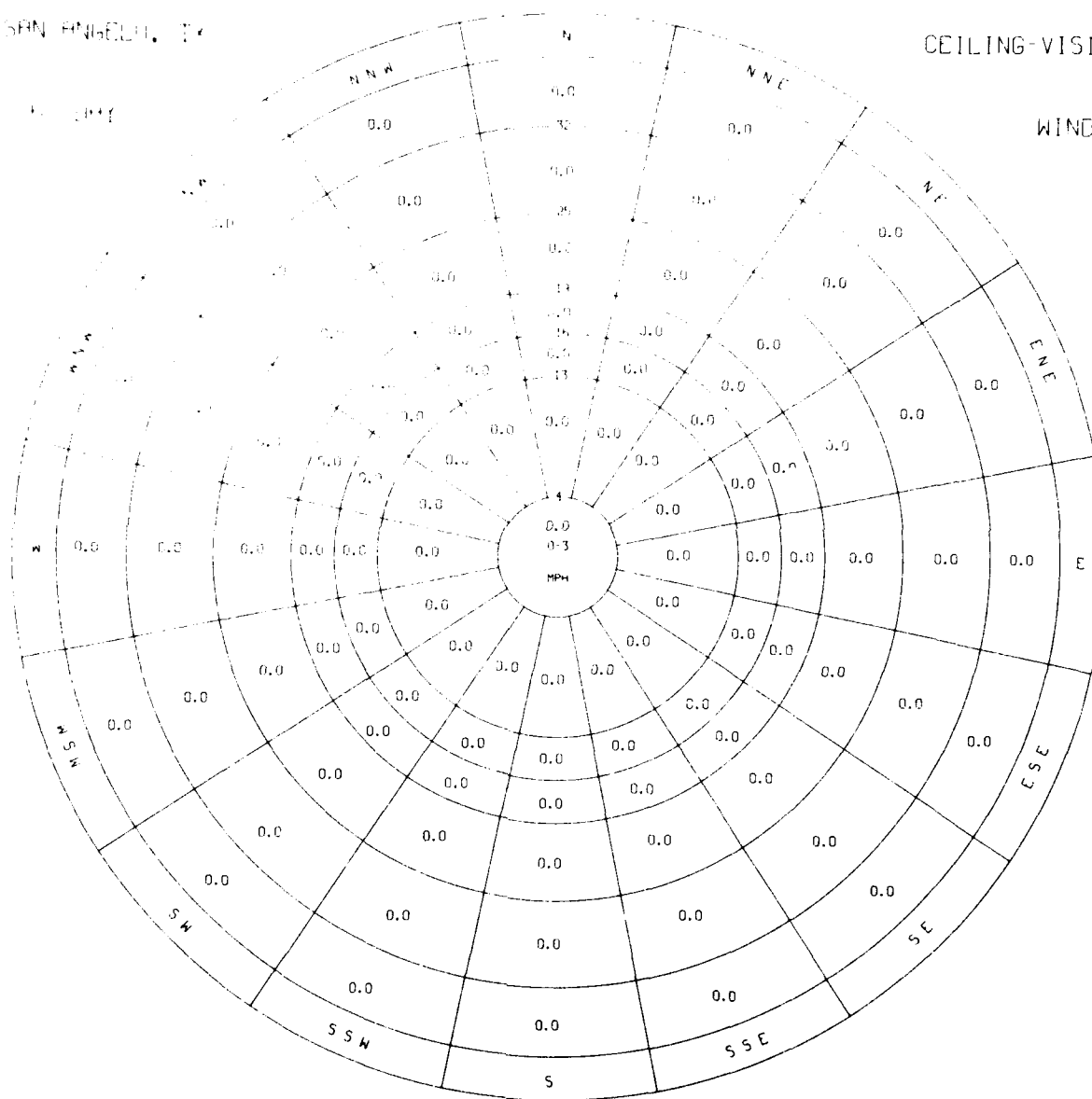
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.7	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.7
NNE	.0	.0	.0	2.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	2.7	10.0
NE	.0	.7	.0	10.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	12.1	8.0
ENE	.0	1.3	.1	17.4	.0	4.7	.0	1.3	.0	.0	.0	.0	.0	.0	.1	24.8	9.7
E	.0	.7	.1	17.4	.0	1.3	.0	1.3	.0	.7	.0	.0	.0	.0	.1	21.5	9.7
ESE	.0	.7	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.3
SE	.0	1.3	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.2
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.0
SSW	.0	.0	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	9.2
SW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
WSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	10.0
W	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.3
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.3
NW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	9.0
NNW	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.7	18.0
CALM	.1	12.8													.1	12.8	
TOTAL	.1	18.1	.3	69.1	.0	7.4	.0	4.7	.0	.7	.0	.0	.0	.0	.4	100	7.6

SOT SAN ANGELO, TX

1000 - 1100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SUT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 6 / DAY

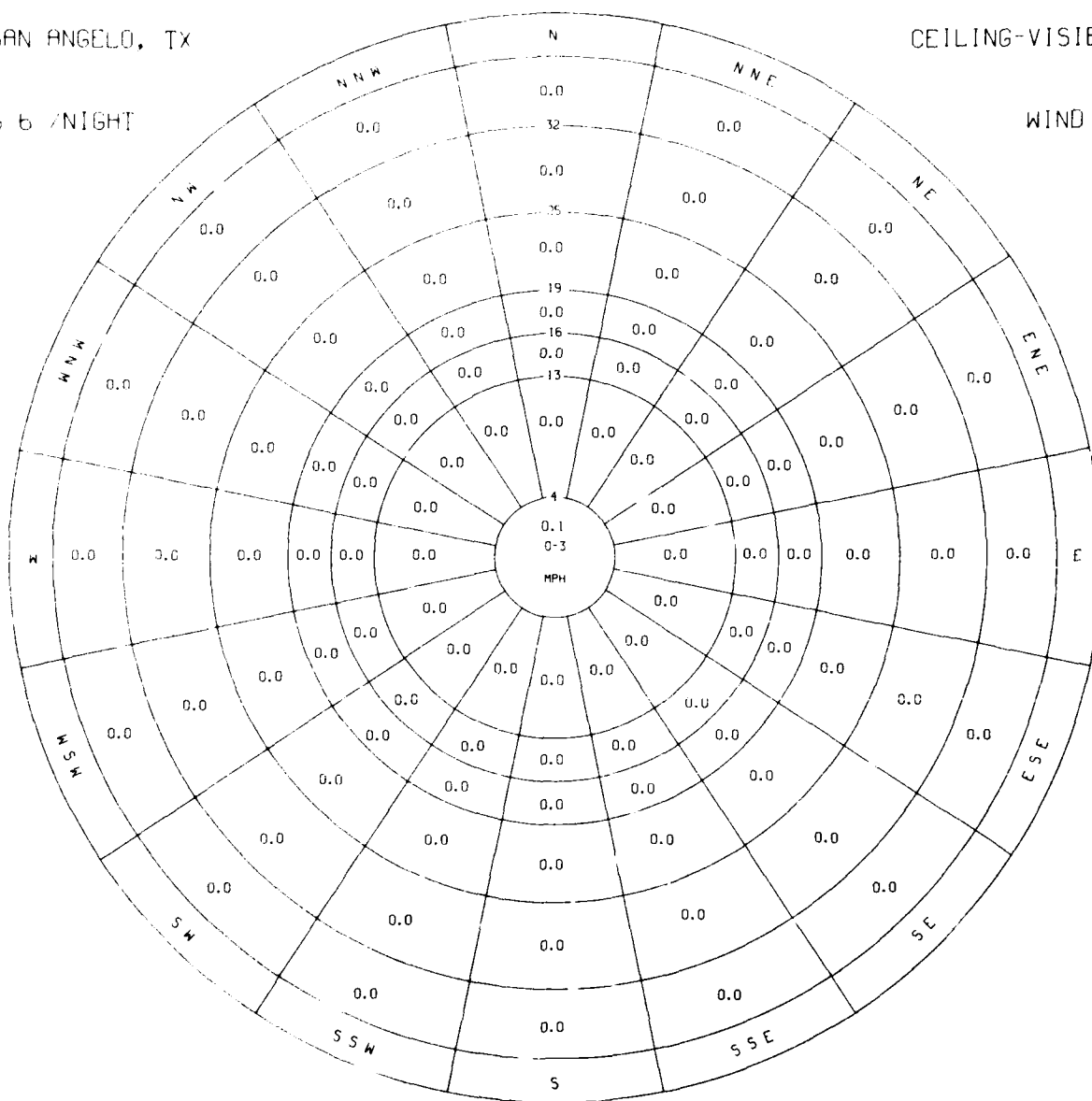
STATION NUMBER: 23034

NO. OBS.: 37

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	8.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	2.7	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	6.5
ENE	.0	.0	.0	18.3	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.0	9.5
E	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	10.5
ESE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	8.0
SE	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.0
SSE	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	7.3
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	10.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	6.5
W	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	12.0
WNW	.0	.0	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	6.3
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	13.5													.0	13.5	
TOTAL	.0	18.9	.1	73.0	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	100	6.9

CLASS 6 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SUT SAN ANGELO, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 43034

NO. OBS.: 121

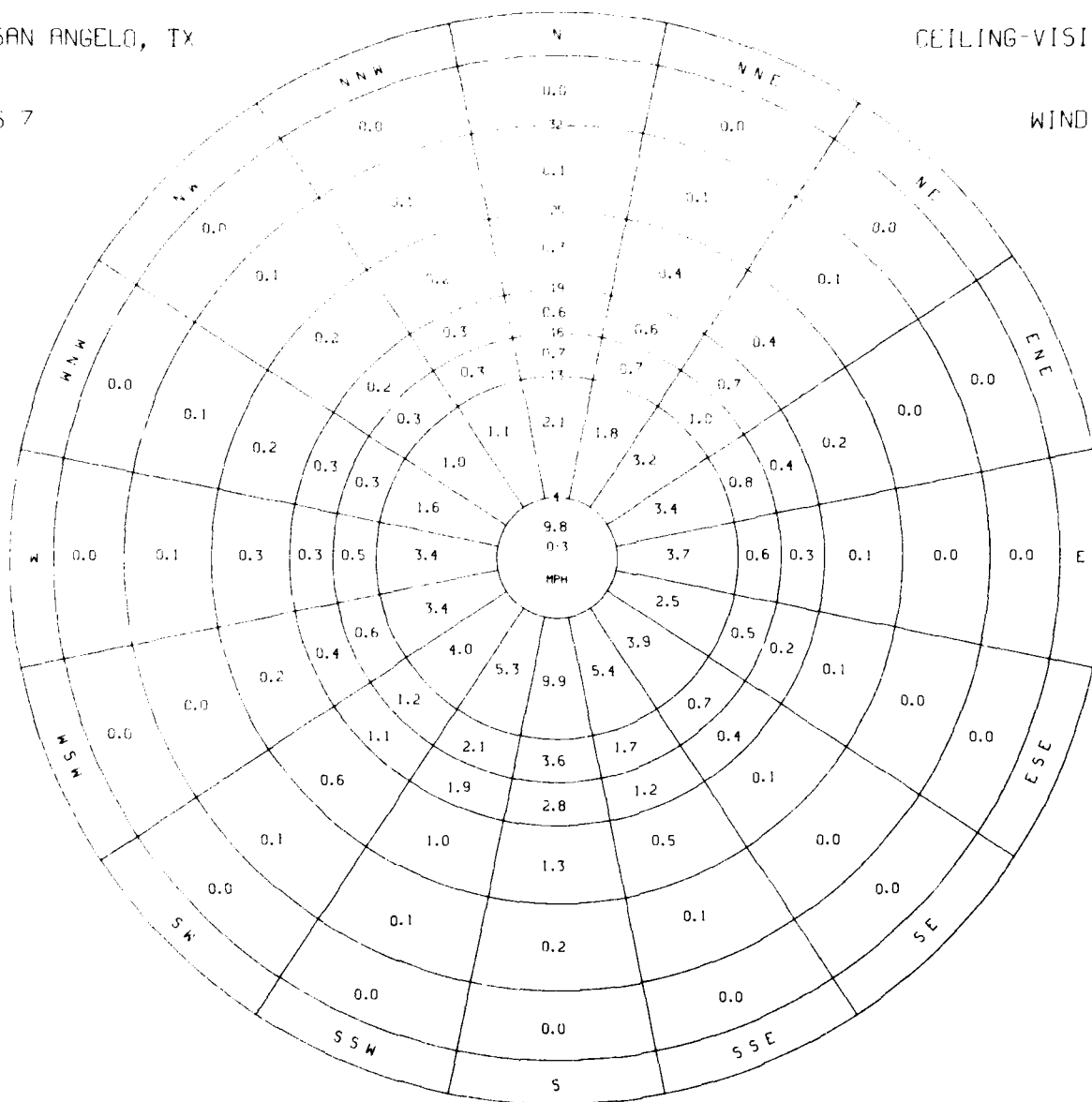
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.3
NNE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.2
NE	.0	.0	.0	6.6	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	9.1	9.4
ENE	.0	.0	.0	1.3	.0	5.8	.0	.8	.0	.0	.0	.0	.0	.0	.1	17.4	10.3
E	.0	.0	.0	12.4	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.9	9.1
ESE	.0	.0	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.5
SE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.0
SSE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.0
S	.0	.8	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.0
SSW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.1
SW	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	6.0
WSW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.0
W	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.0
WNW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.5
NW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
NNW	.0	.0	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	10.3
CALM	.1	19.0													.1	19.0	
TOTAL	.1	24.0	.2	62.8	.0	10.7	.0	2.5	.0	.0	.0	.0	.0	.0	.3	100	6.6

SJT SAN ANGELO, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

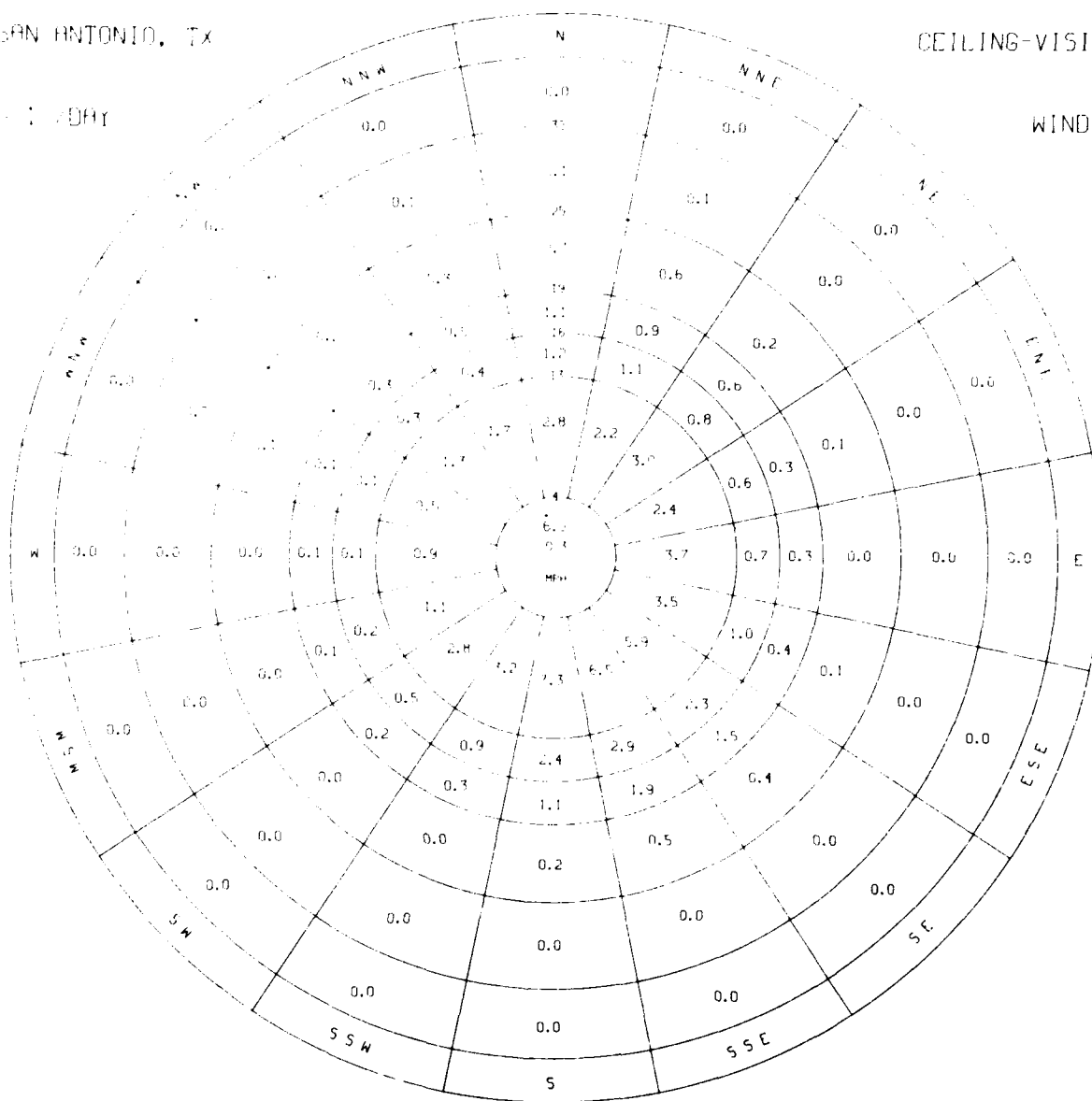


SAT SAN ANTONIO, TX

CLASS 1 DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAT SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 12921

NO. OBS.: 41780

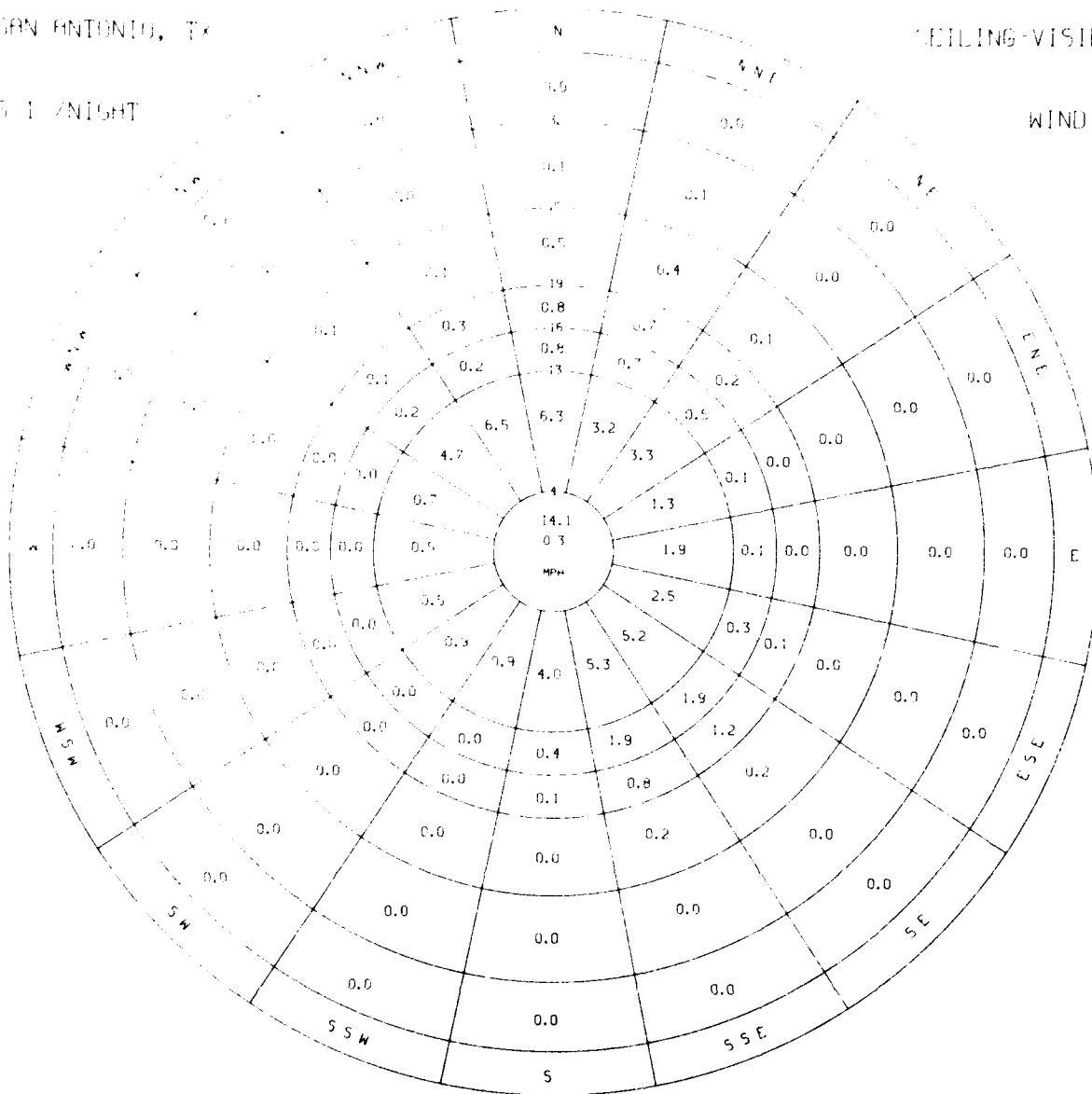
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.6	.7	2.8	3.3	1.2	1.4	1.1	1.4	.7	.8	.1	.2	.0	.0	6.6	7.8	12.1
NNE	.3	.4	2.2	2.6	1.1	1.3	.9	1.1	.6	.7	.1	.1	.0	.0	5.3	6.2	12.7
NE	.4	.5	3.0	3.5	.8	1.0	.6	.7	.2	.2	.0	.0	.0	.0	5.0	5.9	10.4
ENE	.2	.3	2.4	2.8	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	3.6	4.2	9.9
E	.4	.5	3.7	4.3	.7	.9	.3	.3	.0	.0	.0	.0	.0	.0	5.1	6.0	9.3
ESE	.2	.3	3.5	4.2	1.0	1.1	.4	.5	.1	.1	.0	.0	.0	.0	5.3	6.2	10.2
SE	.5	.6	5.9	6.9	2.3	2.7	1.5	1.8	.4	.5	.0	.0	.0	.0	10.7	12.6	11.3
SSE	.3	.4	6.5	7.6	2.9	3.4	1.9	2.2	.5	.5	.0	.0	.0	.0	12.0	14.2	11.8
S	.6	.8	7.3	8.6	2.4	2.8	1.1	1.3	.2	.2	.0	.0	.0	.0	11.6	13.7	10.4
SSW	.2	.3	3.2	3.8	.9	1.0	.3	.4	.0	.0	.0	.0	.0	.0	4.7	5.5	10.0
SW	.3	.4	2.8	3.3	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	3.9	4.6	9.2
WSW	.1	.2	1.1	1.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.6	1.8	9.2
W	.2	.2	.9	1.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.4	1.6	8.7
WNW	.1	.2	.5	.6	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.0	1.2	10.5
NW	.4	.4	1.3	1.5	.3	.3	.3	.3	.2	.2	.0	.0	.0	.0	2.4	2.8	10.0
NNW	.4	.5	1.7	2.0	.4	.5	.5	.6	.3	.4	.1	.1	.0	.0	3.4	4.0	10.9
CALM	1.3	1.5													1.3	1.5	
TOTAL	6.9	8.2	48.7	57.5	15.5	18.2	9.6	11.3	3.5	4.2	.5	.6	.0	.0	84.8	100	10.6

SHT SAN ANTONIO, TX

CLD 1 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EAT SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 12921

NO. OBS.: 28883

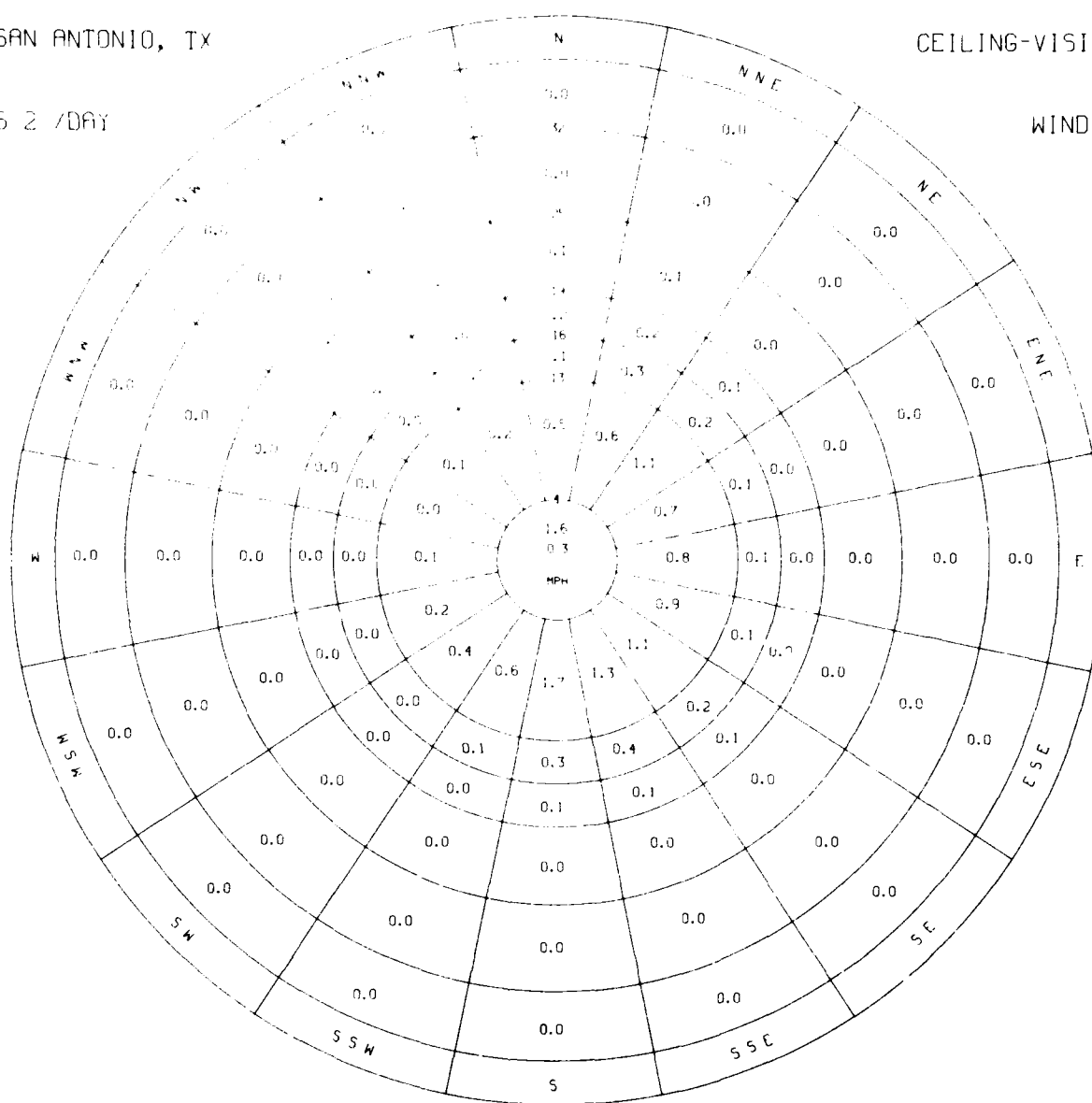
D : R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.9	2.6	6.3	8.3	.8	1.1	.8	1.0	.5	.6	.1	.2	.0	.0	10.4	13.8	8.4
NNE	.7	1.0	3.2	4.3	.7	1.0	.7	.9	.4	.5	.1	.1	.0	.0	5.8	7.7	10.0
NE	.8	1.0	3.3	4.3	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.9	6.4	8.2
ENE	.3	.4	1.3	1.8	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.9	2.5	7.4
E	.6	.8	1.9	2.5	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.6	3.5	6.7
ESE	.4	.5	2.5	3.3	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.3	4.4	8.3
SE	.7	1.0	5.2	6.9	1.9	2.5	1.2	1.5	.2	.3	.0	.0	.0	.0	9.2	12.2	10.7
SSE	.5	.7	5.3	7.1	1.9	2.5	.8	1.1	.2	.2	.0	.0	.0	.0	8.7	11.5	10.5
S	.8	1.1	4.0	5.3	.4	.6	.1	.1	.0	.0	.0	.0	.0	.0	5.3	7.1	7.7
SSW	.3	.4	.9	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.7	6.0
SW	.4	.6	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.7	5.2
WSW	.2	.2	.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.9	6.0
W	.3	.4	.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.2	5.7
WNW	.2	.3	.7	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.3	6.7
NW	1.2	1.6	4.7	6.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	6.3	8.4	6.8
NNW	1.5	2.0	6.5	8.6	.2	.3	.3	.3	.1	.2	.0	.1	.0	.0	8.7	11.5	6.9
CALM	3.2	4.2													3.2	4.2	
TOTAL	14.1	18.7	47.7	63.3	7.3	9.6	4.3	5.8	1.6	2.1	.3	.4	.0	.0	75.4	100	8.1

SAT SAN ANTONIO, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AT SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 2 / DAY

STATION NUMBER: 12921

NO. OBS.: 7511

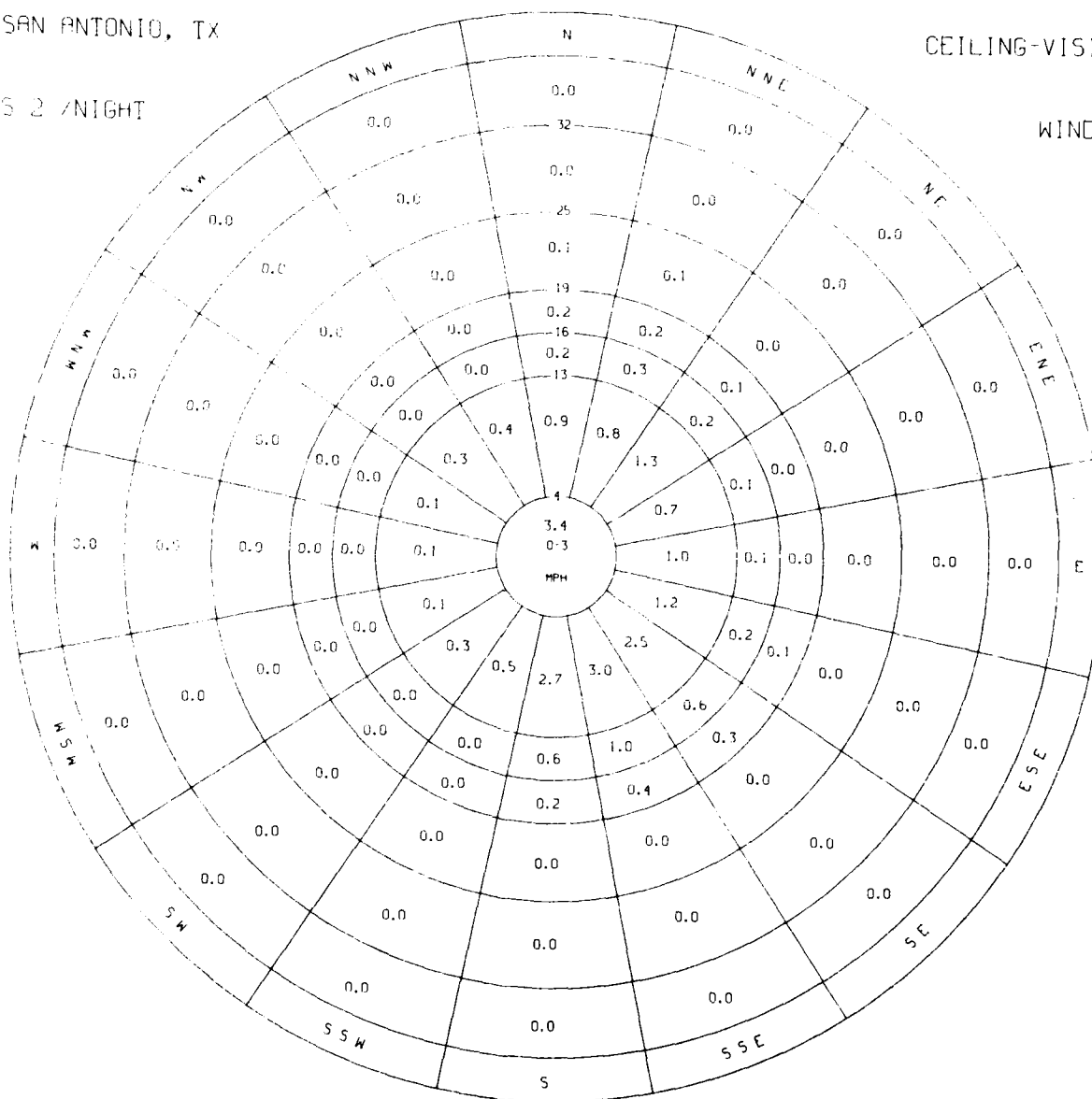
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.7	.5	3.0	.1	1.0	.2	1.1	.1	.7	.0	.1	.0	.0	1.0	6.5	11.8
NNE	.1	.5	.6	3.9	.3	1.7	.2	1.4	.1	.7	.0	.1	.0	.0	1.3	8.4	11.9
NE	.1	.8	1.1	7.1	.2	1.4	.1	.9	.0	.2	.0	.0	.0	.0	1.6	10.4	9.9
ENE	.1	.6	.7	4.8	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	1.0	6.4	8.8
E	.1	.7	.8	5.6	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	1.1	6.9	7.9
ESE	.1	.4	.9	5.6	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	1.1	7.1	8.6
SE	.1	.8	1.1	7.4	.2	1.6	.1	.6	.0	.1	.0	.0	.0	.0	1.6	10.5	9.3
SSE	.1	.6	1.3	8.8	.4	2.4	.1	.7	.0	.1	.0	.0	.0	.0	1.9	12.5	10.0
S	.1	.6	1.7	11.0	.3	2.3	.1	.5	.0	.0	.0	.0	.0	.0	2.2	14.5	9.6
SSW	.1	.3	.6	3.8	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.8	8.8
SW	.1	.4	.4	2.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.3	7.9
WSW	.0	.2	.2	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	8.0
W	.0	.2	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	6.7
WNW	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	9.2
NW	.0	.3	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.1	7.8
NNW	.0	.3	.2	1.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	1.9	9.1
CALM	.4	2.6													.4	2.6	
TOTAL	1.0	10.2	10.3	67.4	2.1	13.5	1.0	6.4	.3	2.1	.1	.3	.0	.0	15.2	100	9.3

SAT SAN ANTONIO, TX

CLASS 2 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAT SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 12921

NO. OBS.: 9432

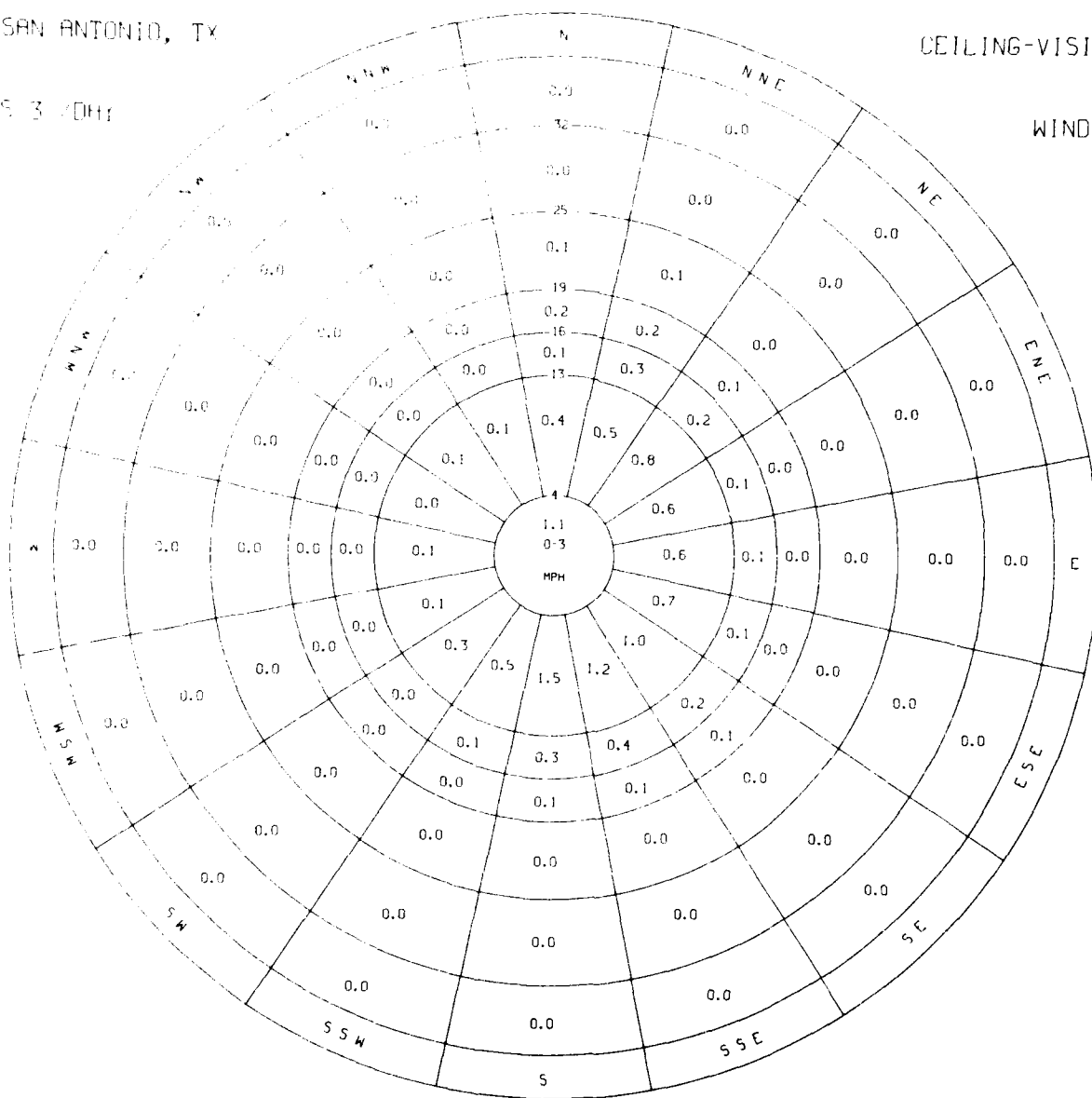
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	1.0	.9	3.6	.2	.9	.2	.7	.1	.5	.0	.0	.0	.0	1.7	6.8	10.0
NNE	.2	.8	.8	3.4	.3	1.2	.2	.8	.1	.4	.0	.1	.0	.0	1.6	6.6	10.7
NE	.3	1.1	1.3	5.4	.2	.9	.1	.5	.0	.2	.0	.0	.0	.0	2.0	8.1	8.9
ENE	.1	.5	.7	2.8	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	1.0	3.9	8.3
E	.2	1.0	1.0	4.0	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.3	5.4	7.3
ESE	.3	.6	1.2	4.8	.2	.9	.1	.3	.0	.0	.0	.0	.0	.0	1.6	6.6	8.7
SE	.3	1.3	2.5	10.1	.6	2.4	.3	1.1	.0	.1	.0	.0	.0	.0	3.7	15.0	9.8
SSE	.2	.7	3.0	12.1	1.0	4.1	.4	1.5	.0	.2	.0	.0	.0	.0	4.6	18.5	10.6
S	.2	.9	2.7	10.8	.6	2.5	.2	.7	.0	.0	.0	.0	.0	.0	3.7	14.9	9.5
SSW	.1	.2	.5	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.4	7.9
SW	.1	.4	.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.9	6.4
WSW	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	6.3
W	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	7.2
WNW	.0	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	6.8
NW	.1	.5	.3	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	1.7	6.7
NNW	.1	.5	.4	1.5	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.6	2.3	7.4
CALM	.9	3.6													.9	3.6	
TOTAL	3.4	13.7	15.8	64.2	3.6	14.2	1.4	6.1	.4	1.6	.1	.3	.0	.0	24.6	100	9.0

SAT SAN ANTONIO, TX

CLASS 3 MOHY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAT SAN ANTONIO, TX

PERIOD: 1949-19

CLASS 3 / DAY

STATION NUMBER: 12921

NO. OBS.: 636

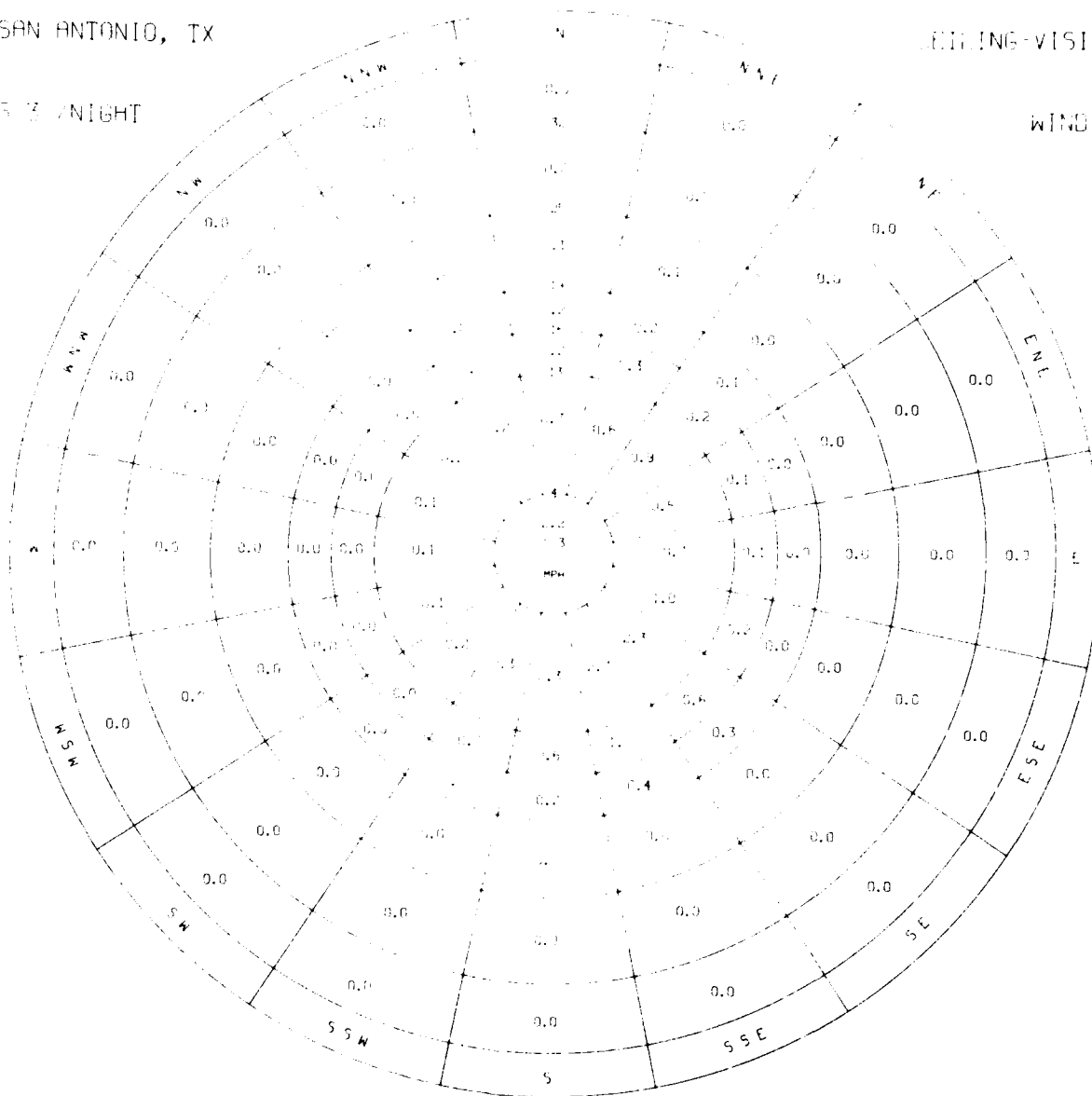
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.5	.4	3.0	.1	1.1	.2	1.3	.1	.7	.0	.1	.0	.0	.9	6.7	12.2
NNE	.1	.5	.5	3.7	.3	1.9	.2	1.6	.1	.9	.0	.1	.0	.0	1.1	8.7	12.4
NE	.1	.6	.8	6.2	.2	1.4	.1	.9	.0	.3	.0	.0	.0	.0	1.2	9.5	10.2
ENE	.1	.5	.6	4.4	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.8	5.9	9.0
E	.1	.6	.6	5.0	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.8	6.2	8.0
ESE	.0	.3	.7	5.0	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.8	6.3	8.7
SE	.1	.8	1.0	7.8	.2	1.7	.1	.7	.0	.0	.0	.0	.0	.0	1.4	11.1	9.4
SSE	.1	.6	1.2	9.6	.4	2.7	.1	.8	.0	.1	.0	.0	.0	.0	1.8	13.8	10.1
S	.1	.5	1.5	12.0	.3	2.6	.1	.6	.0	.0	.0	.0	.0	.0	2.0	15.8	9.8
SSW	.0	.3	.5	3.8	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.6	4.9	9.1
SW	.0	.3	.3	2.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0	8.2
WSW	.0	.1	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	8.3
W	.0	.2	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	7.0
WNW	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	9.3
NW	.0	.3	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.1	7.2
NNW	.0	.3	.1	1.1	.0	.3	.0	.1	.0	.2	.0	.0	.0	.0	.2	1.9	9.4
CALM	.3	2.1													.3	2.1	
TOTAL	1.1	8.7	8.6	66.7	1.9	14.8	.9	7.0	.3	2.3	.0	.3	.0	.0	12.9	100	9.6

SAT SAN ANTONIO, TX

CLASS 3 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN ANTONIO, TX

PERIOD: 1949-197

CLASS 3 / NIGHT

STATION NUMBER: 12921

NO. OBS.: 773

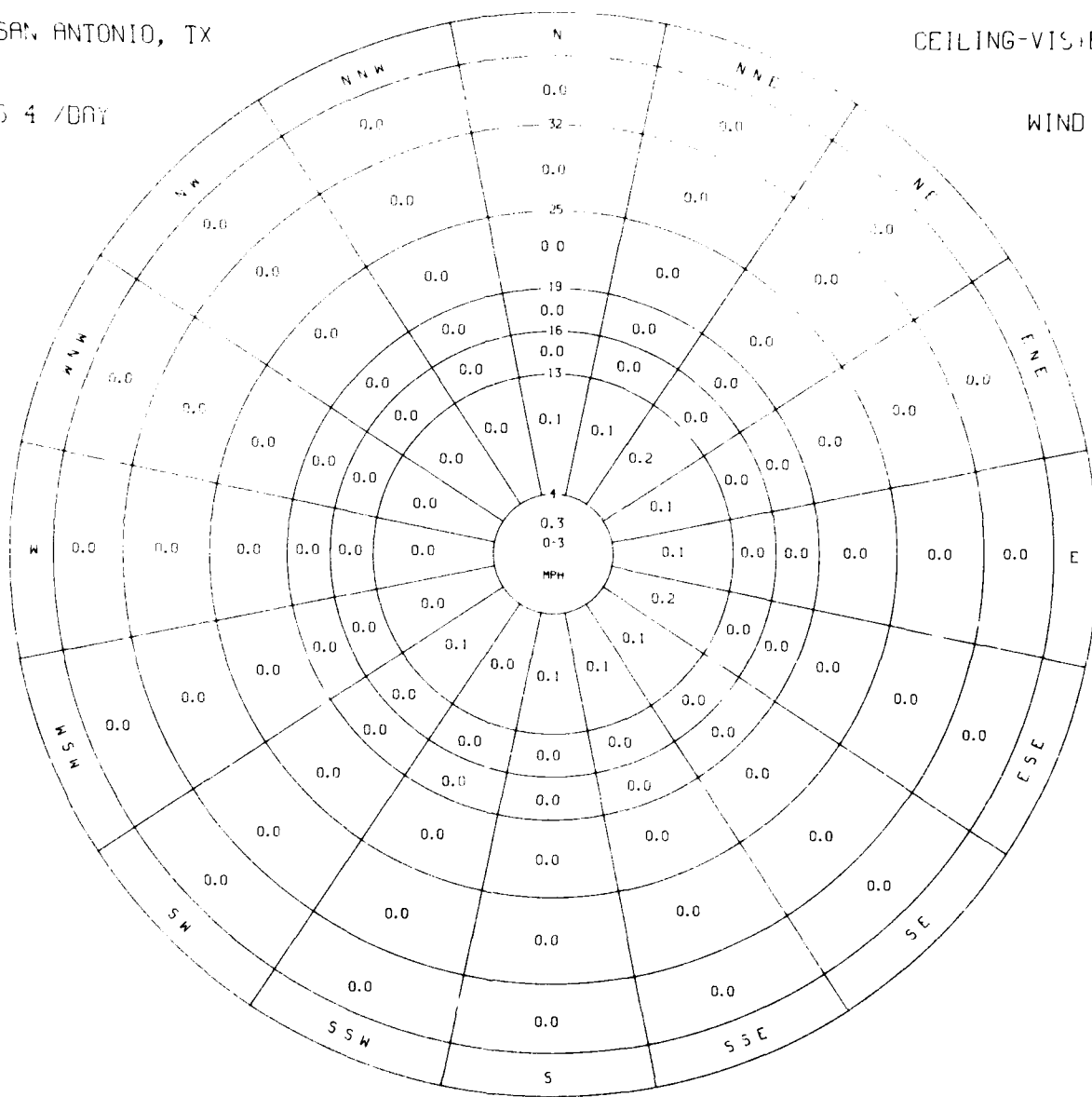
DIRECTION	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.8	.7	3.4	.2	1.0	.2	.9	.1	.6	.0	.1	.0	.0	1.4	6.7	10.9
NNE	.1	.7	.6	3.2	.3	1.4	.2	.9	.1	.5	.0	.1	.0	.0	1.4	6.8	11.4
N E	.2	.8	.9	4.6	.2	.9	.1	.5	.0	.2	.0	.0	.0	.0	1.4	7.0	9.5
ENE	.1	.5	.8	2.3	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.7	3.3	8.3
E	.2	.9	.7	3.6	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.0	4.8	7.4
ESE	.1	.6	1.0	4.8	.2	.9	.0	.2	.0	.1	.0	.0	.0	.0	1.3	6.6	8.8
SE	.2	1.2	2.3	11.2	.6	2.9	.3	1.3	.0	.2	.0	.0	.0	.0	3.4	16.8	9.9
SSE	.1	.7	2.7	13.6	1.0	5.0	.4	1.7	.0	.2	.0	.0	.0	.0	4.3	21.3	10.8
S	.2	.9	2.3	11.6	.6	2.9	.2	.8	.0	.0	.0	.0	.0	.0	3.3	16.2	9.8
SSW	.0	.2	.3	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.0	8.1
SW	.1	.4	.2	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.3	6.3
WSW	.0	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	7.0
W	.0	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	8.1
WNW	.0	.1	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	7.5
NW	.1	.3	.2	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.3	7.2
NNW	.1	.3	.2	1.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.4	1.9	8.4
CALM	.4	2.2													.4	2.2	
TOTAL	2.2	10.9	12.9	63.8	3.3	16.3	1.4	7.0	.4	1.9	.1	.3	.0	.0	20.2	100	9.6

SAT SAN ANTONIO, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 12921

NO. OBS.: 821

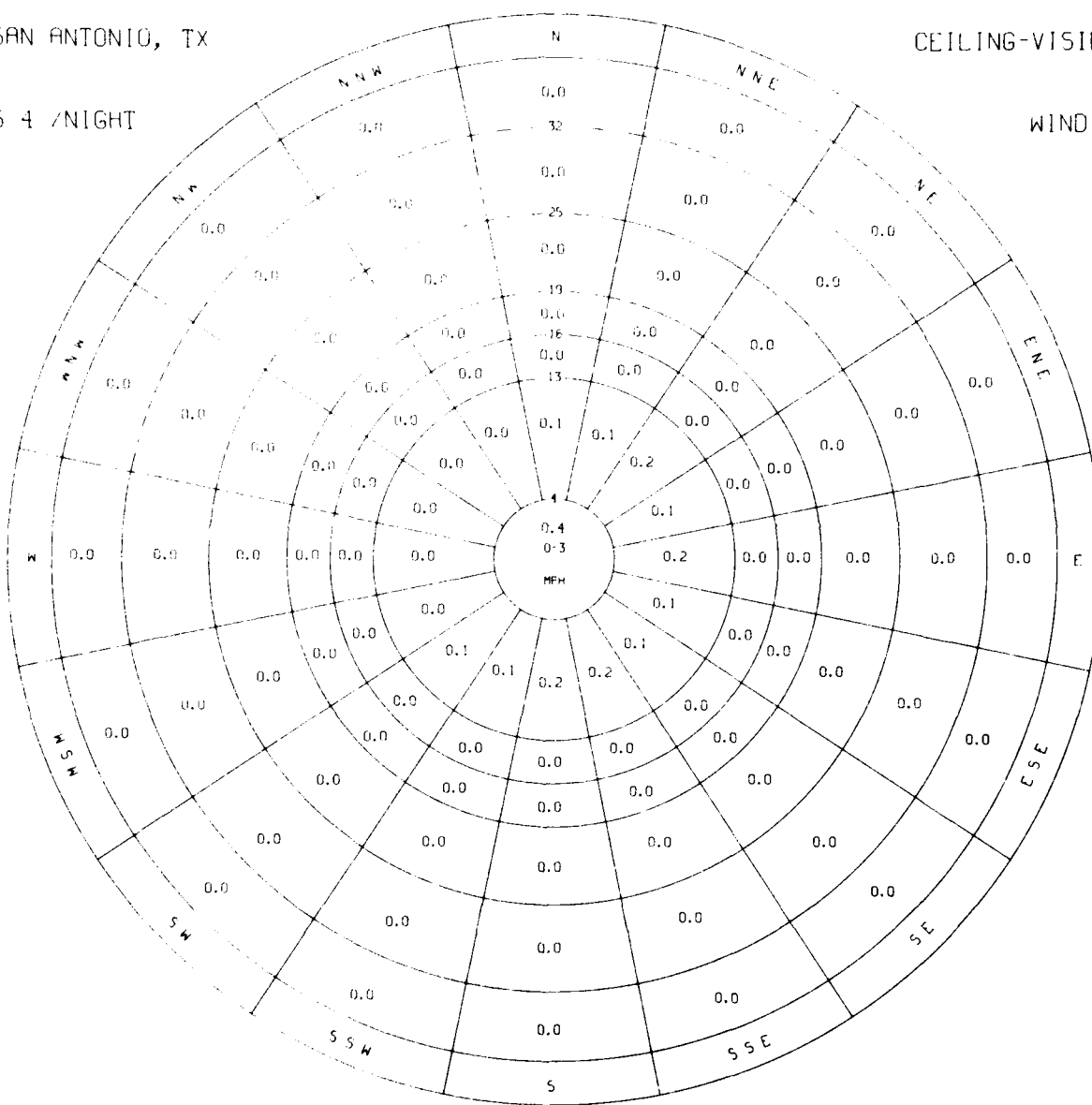
DIRECTION	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.1	.1	3.5	.0	.1	.0	.1	.0	.6	.0	.1	.0	.1	.1	5.7	9.4
NNE	.0	.4	.1	5.5	.0	.7	.0	.2	.0	.0	.0	.1	.0	.0	.1	6.9	8.7
NE	.0	1.0	.2	12.2	.0	1.7	.0	1.3	.0	.0	.0	.0	.0	.0	.3	16.2	9.0
ENE	.0	1.3	.1	7.3	.0	.7	.0	.5	.0	.1	.0	.0	.0	.0	.2	10.0	8.4
E	.0	1.0	.1	8.5	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.2	10.2	7.9
ESE	.0	.7	.2	9.4	.0	1.3	.0	.5	.0	.1	.0	.0	.0	.0	.2	12.1	8.5
SE	.0	.9	.1	5.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.7	8.2
SSE	.0	.5	.1	5.0	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1	6.3	8.7
S	.0	1.3	.1	5.2	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.1	7.2	7.8
SSW	.0	.5	.0	2.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	7.6
SW	.0	1.0	.1	3.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	6.6
WSW	.0	.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.1
W	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.2
WNW	.0	.0	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	9.5
NW	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.3	8.6
NNW	.0	.1	.0	1.2	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	1.6	8.9
CALM	.1	4.9													.1	4.9	
TOTAL	.3	15.3	1.2	72.2	.1	7.7	.1	3.3	.0	.9	.0	.5	.0	.1	1.7	100	8.0

SAT SAN ANTONIO, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FAY SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 12921

NO. OBS.: 876

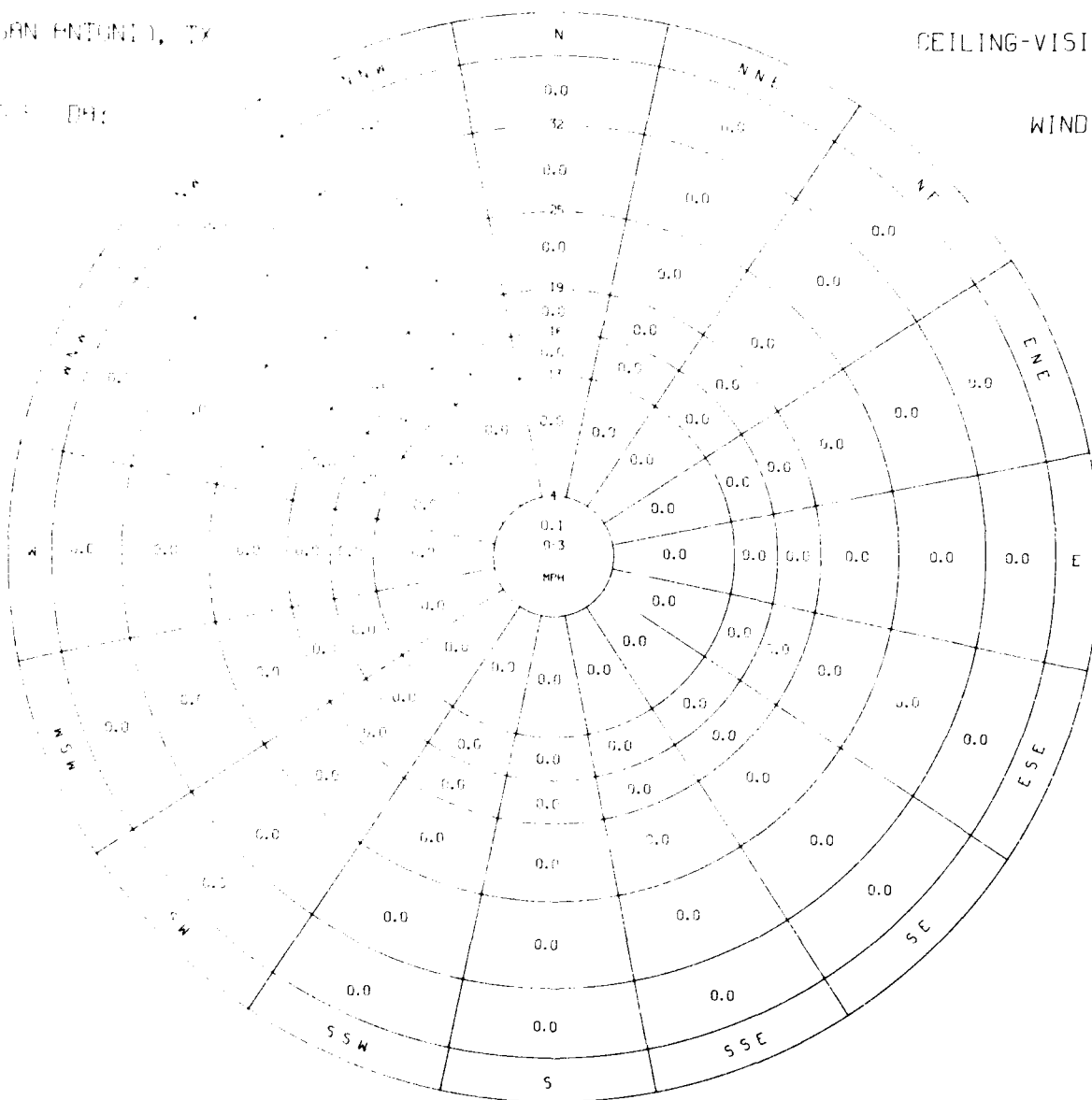
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.1	.1	3.4	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.1	5.5	7.7
NNE	.0	.8	.1	5.1	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.2	7.2	8.3
NE	.0	1.6	.2	9.0	.0	1.5	.0	.9	.0	.1	.0	.1	.0	.0	.3	13.2	9.0
ENE	.0	.2	.1	5.7	.0	.9	.0	.1	.0	.0	.0	.0	.0	.0	.2	7.0	9.1
E	.0	1.3	.2	7.3	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.2	9.5	7.7
ESE	.0	.3	.1	6.4	.0	.9	.0	.7	.0	.0	.0	.0	.0	.0	.2	8.3	9.2
SE	.0	1.4	.1	5.9	.0	.7	.0	.3	.0	.1	.0	.0	.0	.0	.2	8.4	8.4
SSE	.0	.2	.2	6.8	.0	.2	.0	.2	.0	.0	.0	.1	.0	.0	.2	7.6	8.5
S	.0	1.1	.2	7.6	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.2	9.7	7.9
SSW	.0	.6	.1	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0	7.6
SW	.0	.8	.1	3.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	4.0	6.5
WSW	.0	.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.4
W	.0	.6	.0	.8	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.6	7.0
WNW	.0	.5	.0	1.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.7	6.0
NW	.0	.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	2.4	7.7
NNW	.0	1.0	.0	1.4	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	2.6	5.8
CALM	.1	5.1													.1	5.1	
TOTAL	.4	17.9	1.6	70.1	.2	7.4	.1	3.4	.0	.6	.0	.5	.0	.1	2.3	100	7.7

SAT SAN ANTONIO, TX

CLIMATE BH:

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EAT SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 5 / DAY

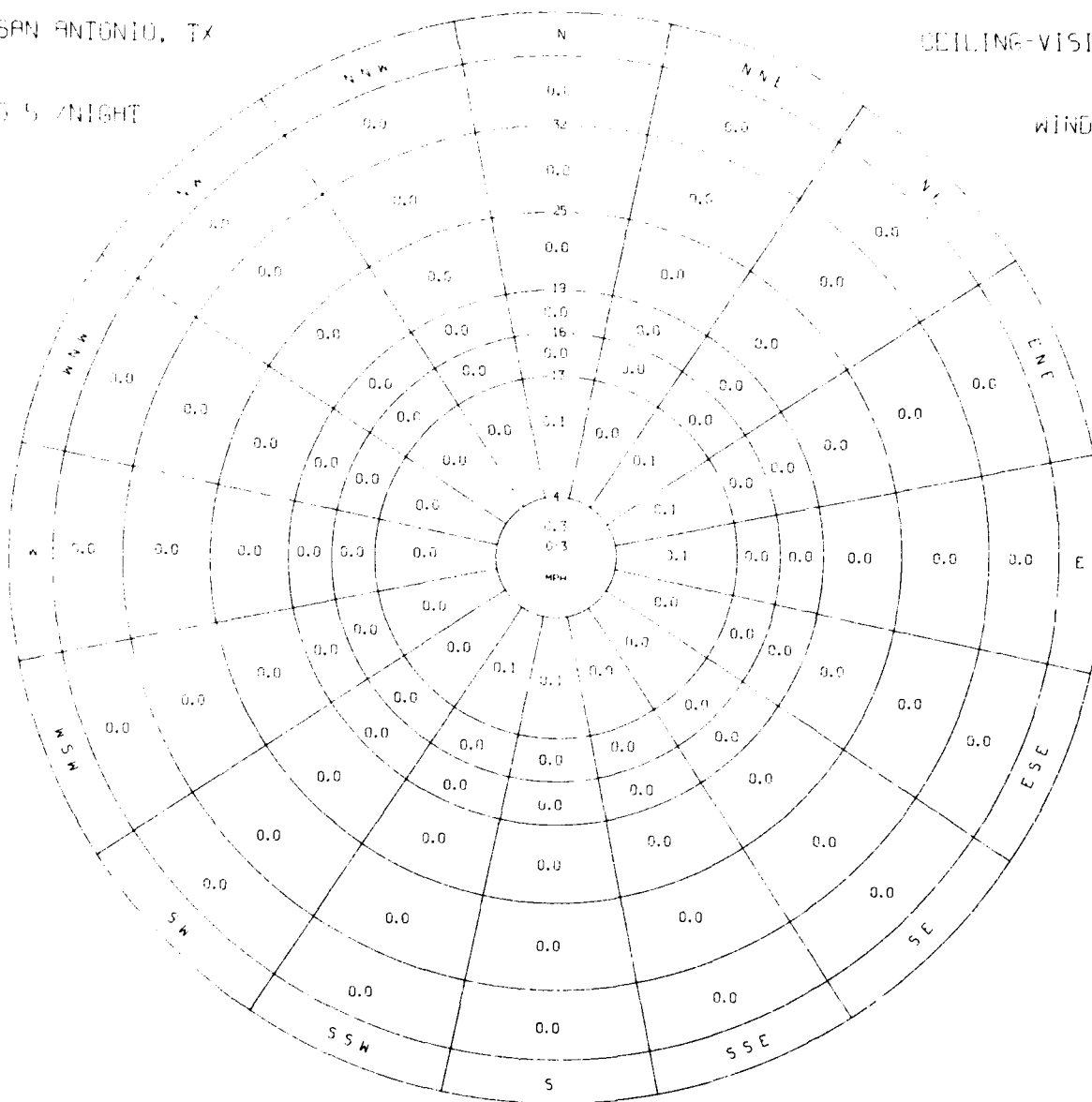
STATION NUMBER: 12921

NO. OBS.: 193

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	4.6
NNE	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.4
NE	.0	3.1	.0	10.9	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.1	15.0	6.6
ENE	.0	.5	.0	7.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	6.7
E	.0	1.0	.0	9.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.9	7.7
ESE	.0	.5	.0	6.7	.0	1.6	.0	.5	.0	.5	.0	.0	.0	.0	.0	9.8	9.1
SE	.0	1.6	.0	5.2	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	7.8	7.2
SSE	.0	.5	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.9
S	.0	.5	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.5
SSW	.0	1.6	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.3
SW	.0	.5	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.2
WSW	.0	1.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.4
W	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
WNW	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	10.0
NW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
NNW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.2
CALM	.0	6.7													.0	6.7	
TOTAL	.1	22.8	.3	71.0	.0	3.6	.0	2.1	.0	.5	.0	.0	.0	.0	.4	100	6.5

CLAS 5 NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAT SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 12921

NO. OBS.: 388

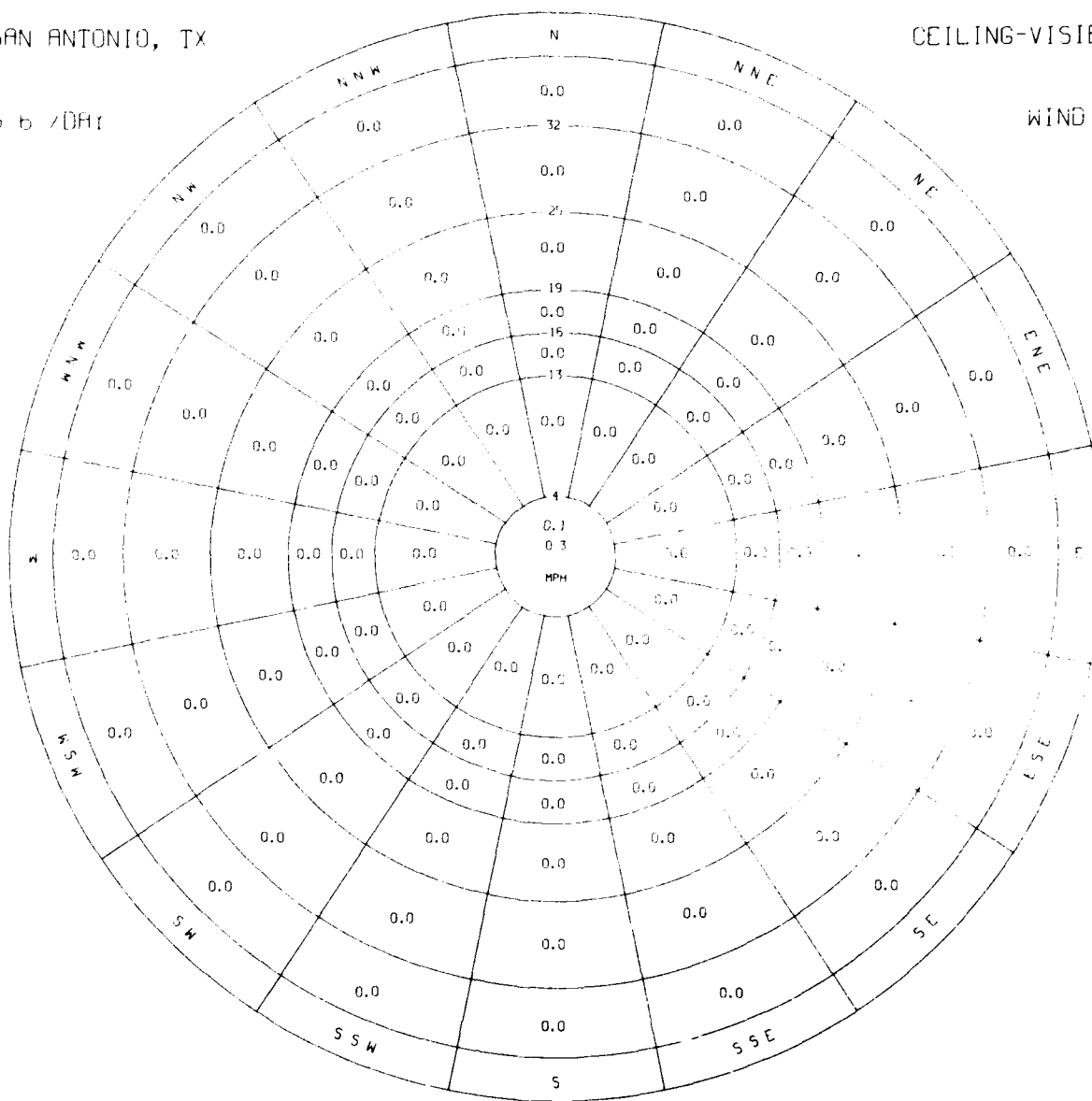
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.8	.1	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.5	5.5
NNE	.0	1.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	5.8
NE	.0	1.8	.1	9.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.9	6.6
ENE	.0	1.3	.1	7.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.5	7.0
E	.0	1.3	.1	5.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.5	6.5
ESE	.0	1.5	.0	4.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.2	7.6
SE	.0	.8	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	7.7
SSE	.0	.5	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.2
S	.0	1.0	.1	6.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	6.8
SSW	.0	.0	.1	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	7.6
SW	.0	.8	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.9
WSW	.0	.3	.0	2.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.6	7.3
W	.0	.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.6
WNW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	10.0
NW	.0	1.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.6
NNW	.0	1.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.1
CALM	.1	12.9													.1	12.9	
TOTAL	.3	28.6	.7	69.3	.0	1.8	.0	.3	.0	.0	.0	.0	.0	.0	1.0	100	5.8

SAT SAN ANTONIO, TX

CLASS B / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CAT SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 6 / DAY

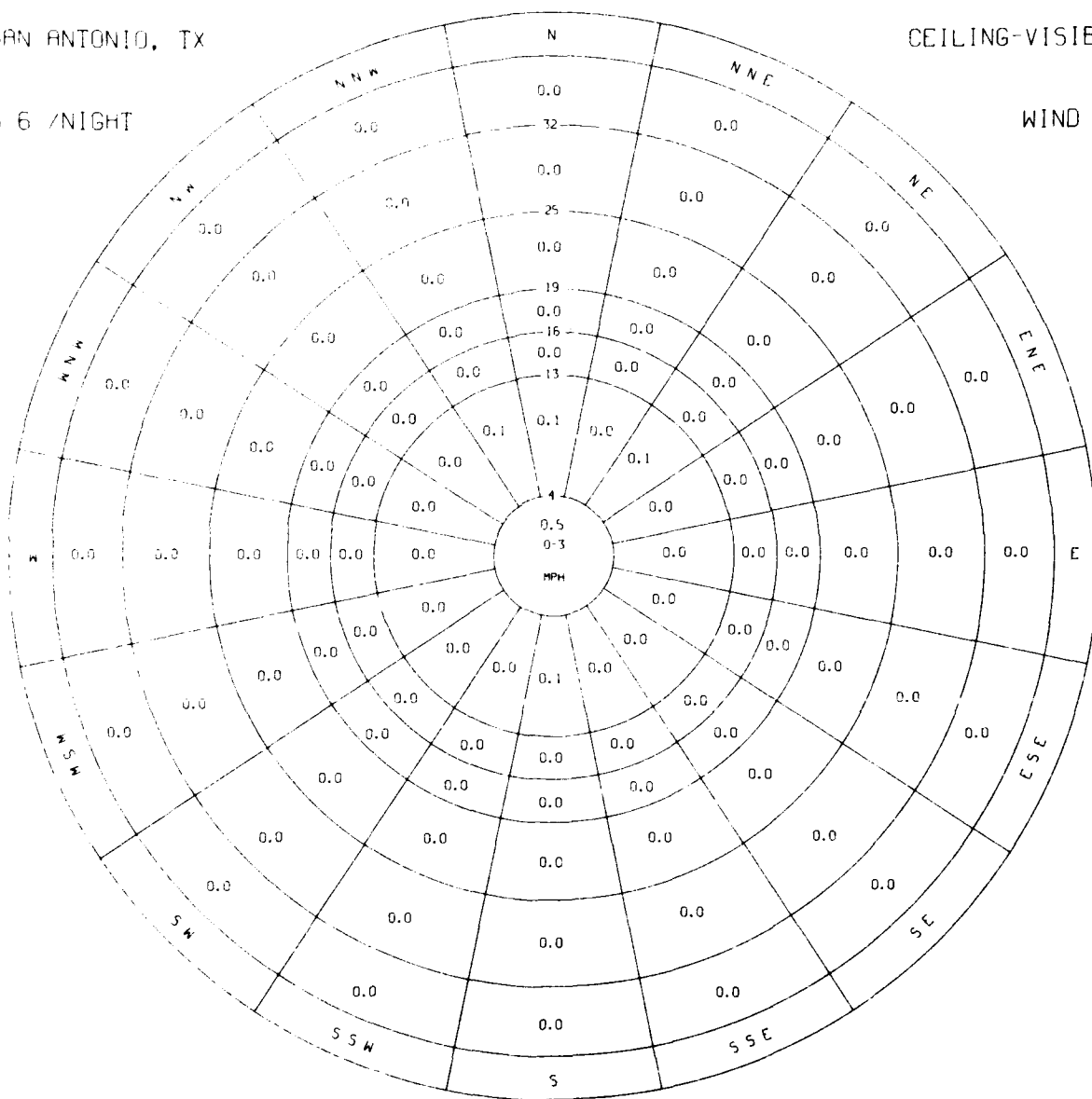
STATION NUMBER: 10921

NO. OBS.: 126

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.6	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.8
NNE	.0	2.3	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	4.8
NE	.0	3.1	.0	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7	5.8
ENE	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.2
E	.0	4.7	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7	5.2
ESE	.0	2.3	.0	6.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	6.3
SE	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	7.0	8.6
SSE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.7
S	.0	1.6	.0	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	5.9
SSW	.0	.8	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.7
SW	.0	.8	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.1
WSW	.0	.8	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.6
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0
NW	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.8	.0	2.3	18.7
NNW	.0	1.6	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.6
CALM	.0	9.4													.0	9.4	
TOTAL	.1	32.0	.2	64.1	.0	2.3	.0	.0	.0	.8	.0	.0	.0	.8	.3	100	5.6

CLASS 6 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAT SAN ANTONIO, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 12921

NO. OBS.: 435

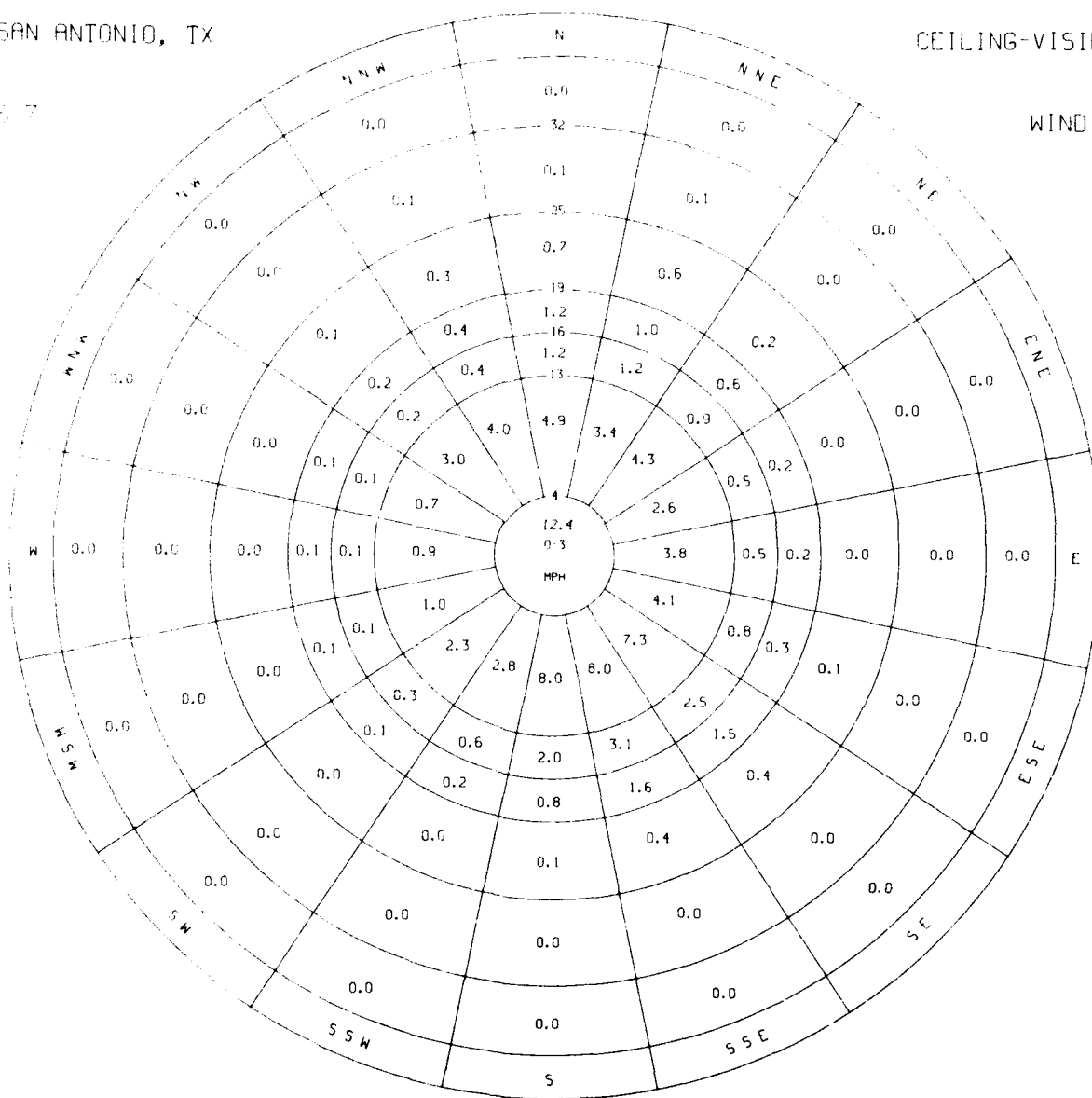
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	3.4	.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.5	4.5
NNE	.0	1.4	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.8
NE	.0	4.4	.1	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.4	5.6
ENE	.0	.7	.0	3.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.9	6.9
E	.0	2.3	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	5.2
ESE	.0	.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.8
SE	.0	2.1	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	5.9
SSE	.0	.9	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.2
S	.0	2.1	.1	6.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.5	5.7
SSW	.0	.2	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.7
SW	.0	.7	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	6.1
WSW	.0	1.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.4
W	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.2
WNW	.0	.5	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.2
NW	.0	2.8	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.7	4.6
NNW	.0	1.8	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.1	4.9
CALM	.2	17.7													.2	17.7	
TOTAL	.5	43.7	.6	55.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	1.1	100	4.4

SAT SAN ANTONIO, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

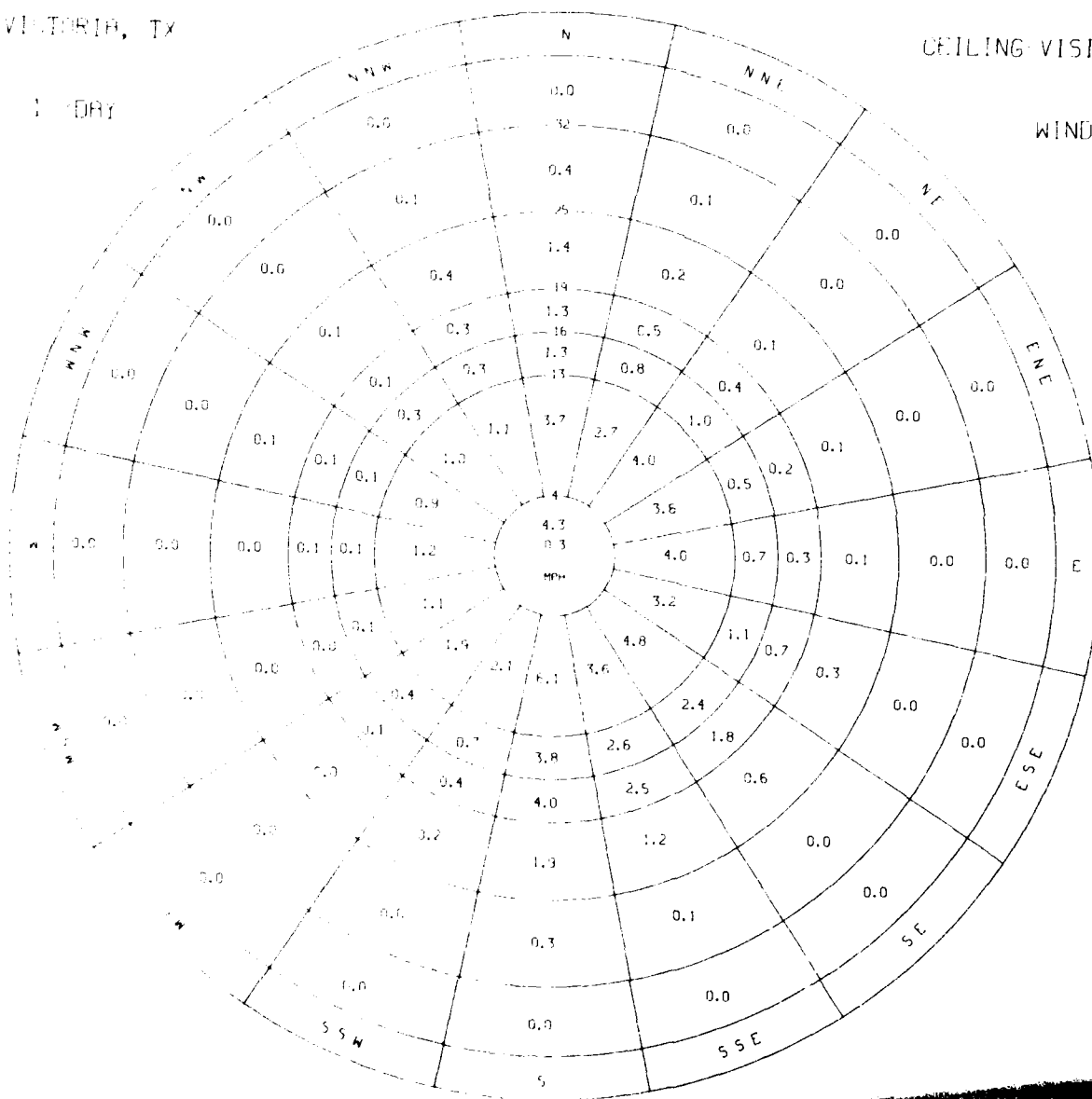


VOT VICTORIA, TX

DATE 1 DRY

CEILING VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VICTORIA, TX

PERIOD: 1965-1978

CLASS 1 / DAY

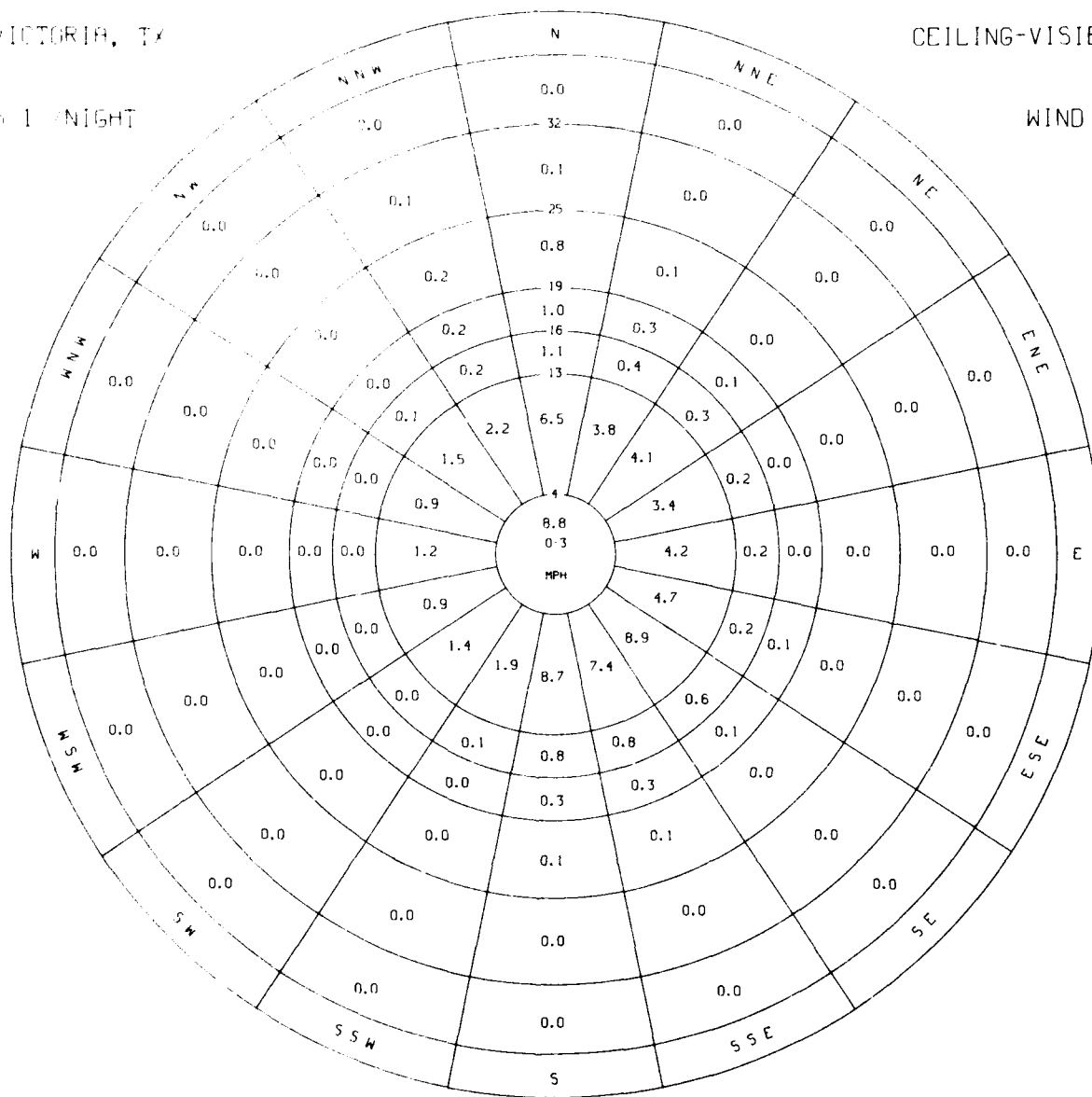
STATION NUMBER: 1917

NO. OBS.: 19170

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.3	3.7	4.7	1.3	1.5	1.3	1.5	1.4	1.6	.4	.5	.0	.0	8.4	9.7	13.5
NNE	.2	.2	2.7	3.1	.8	1.0	.5	.6	.2	.3	.1	.1	.0	.0	4.5	5.2	11.0
NE	.3	.3	4.0	4.6	1.0	1.1	.4	.5	.1	.2	.0	.0	.0	.0	5.8	6.7	9.7
ENE	.2	.3	3.6	4.1	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.7	5.4	9.2
E	.3	.3	4.0	4.7	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	5.4	6.2	9.4
ESE	.2	.2	3.2	3.8	1.1	1.3	.7	.8	.3	.3	.0	.0	.0	.0	5.5	6.3	11.0
SE	.1	.2	4.8	5.6	2.4	2.8	1.8	2.1	.6	.7	.0	.1	.0	.0	9.9	11.4	12.3
SSE	.1	.1	3.6	4.1	2.6	3.0	2.5	2.9	1.2	1.4	.1	.2	.0	.0	10.1	11.7	14.0
S	.2	.3	6.1	7.0	3.8	4.3	4.0	4.7	1.9	2.2	.3	.3	.0	.0	16.3	18.9	13.8
SSW	.1	.2	2.1	2.4	.7	.8	.4	.5	.2	.2	.0	.0	.0	.0	3.6	4.2	11.2
SW	.2	.2	1.9	2.2	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	2.5	2.9	9.1
WSW	.1	.1	1.1	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	8.3
W	.1	.1	1.2	1.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	1.7	8.4
WNW	.1	.1	.9	1.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.3	1.5	9.2
NW	.1	.2	1.0	1.1	.3	.3	.1	.2	.1	.1	.0	.1	.0	.0	1.7	2.0	10.5
NNW	.1	.1	1.1	1.3	.3	.4	.3	.4	.4	.4	.1	.1	.0	.0	2.4	2.8	13.2
CALM	1.5	1.7													1.5	1.7	
TOTAL	4.4	5.0	45.1	52.1	16.2	18.7	13.0	15.0	6.7	7.8	1.2	1.4	.1	.1	86.5	100	11.7

CLASS 1 NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VLT VICTORIA, TX

PERIOD: 1965-1978

CLASS 1 / NIGHT

STATION NUMBER: 12912

NO. OBS.: 14879

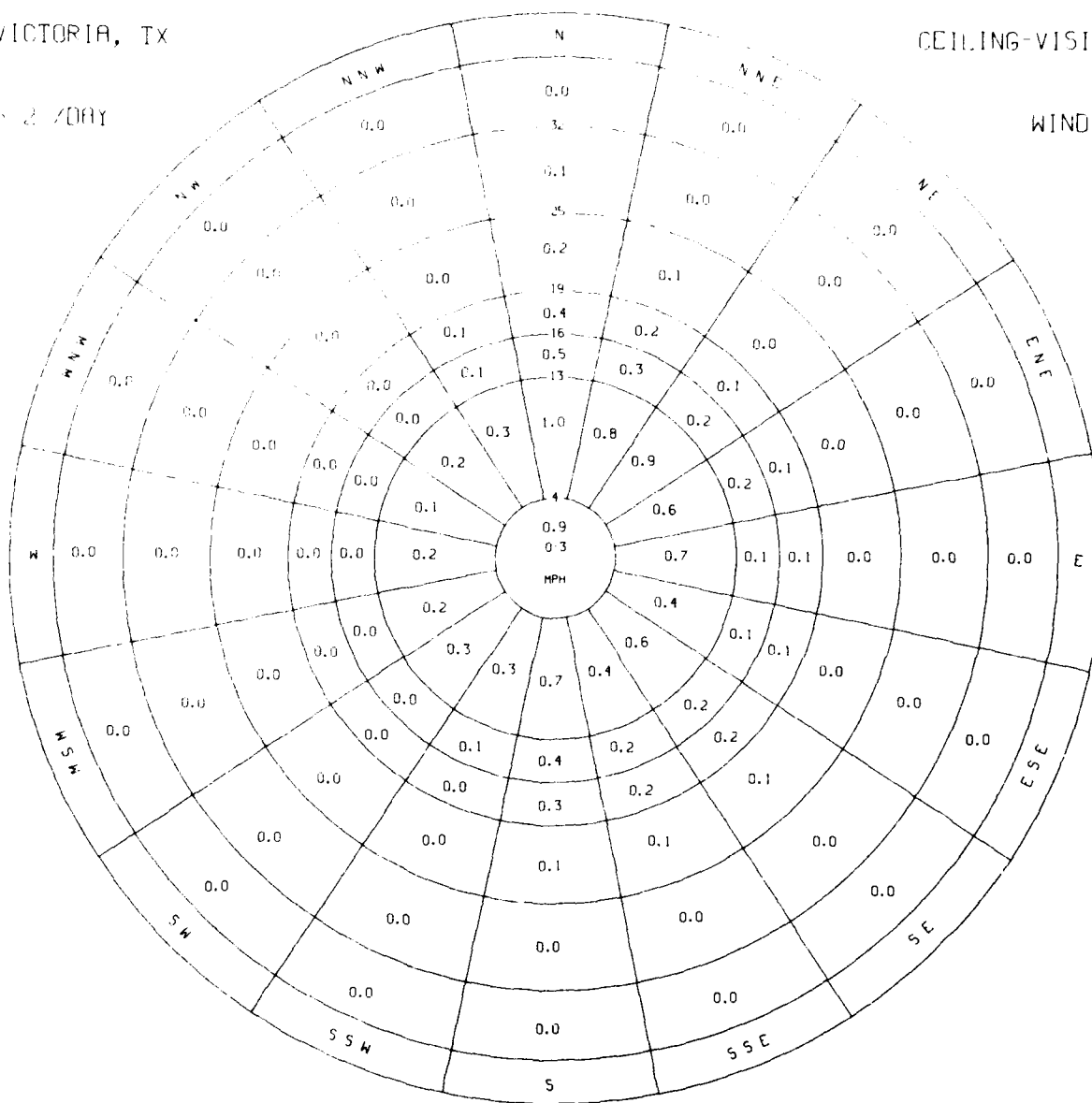
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.5	.7	6.5	8.2	1.1	1.4	1.0	1.2	.8	1.0	.1	.1	.0	.0	10.0	12.6	10.2
NNF	.4	.5	3.8	4.7	.4	.6	.3	.4	.1	.1	.0	.0	.0	.0	5.0	6.3	8.4
NE	.4	.6	4.1	5.2	.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	5.0	6.3	7.3
ENE	.5	.6	3.4	4.3	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	4.2	5.2	6.7
E	.5	.7	4.2	5.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.4	6.9
ESE	.3	.4	4.7	6.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.3	6.6	7.2
SE	.3	.3	8.9	11.2	.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	9.9	12.4	7.9
SSE	.2	.2	7.4	9.3	.8	.9	.3	.3	.1	.1	.0	.0	.0	.0	8.6	10.8	8.7
S	.4	.6	8.7	10.9	.8	1.0	.3	.4	.1	.1	.0	.0	.0	.0	10.3	13.0	8.4
SSW	.3	.3	1.9	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.9	6.7
SW	.2	.3	1.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.1	6.1
WSW	.1	.2	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.3	5.9
W	.2	.2	1.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.8	6.1
WNW	.2	.2	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.4	6.3
NW	.3	.3	1.5	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.3	7.1
NNW	.2	.3	2.2	2.7	.2	.2	.2	.2	.2	.2	.1	.1	.0	.0	3.0	3.7	9.2
CALM	3.8	4.8													3.8	4.8	
TOTAL	8.8	11.1	61.6	77.6	4.9	6.2	2.5	3.2	1.3	1.6	.2	.3	.0	.0	79.4	100	7.7

VCT VICTORIA, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VOT VICTORIA, TX

PERIOD: 1965-1978

CLASS 2 / DAY

STATION NUMBER: 12912

NO. OBS.: 2990

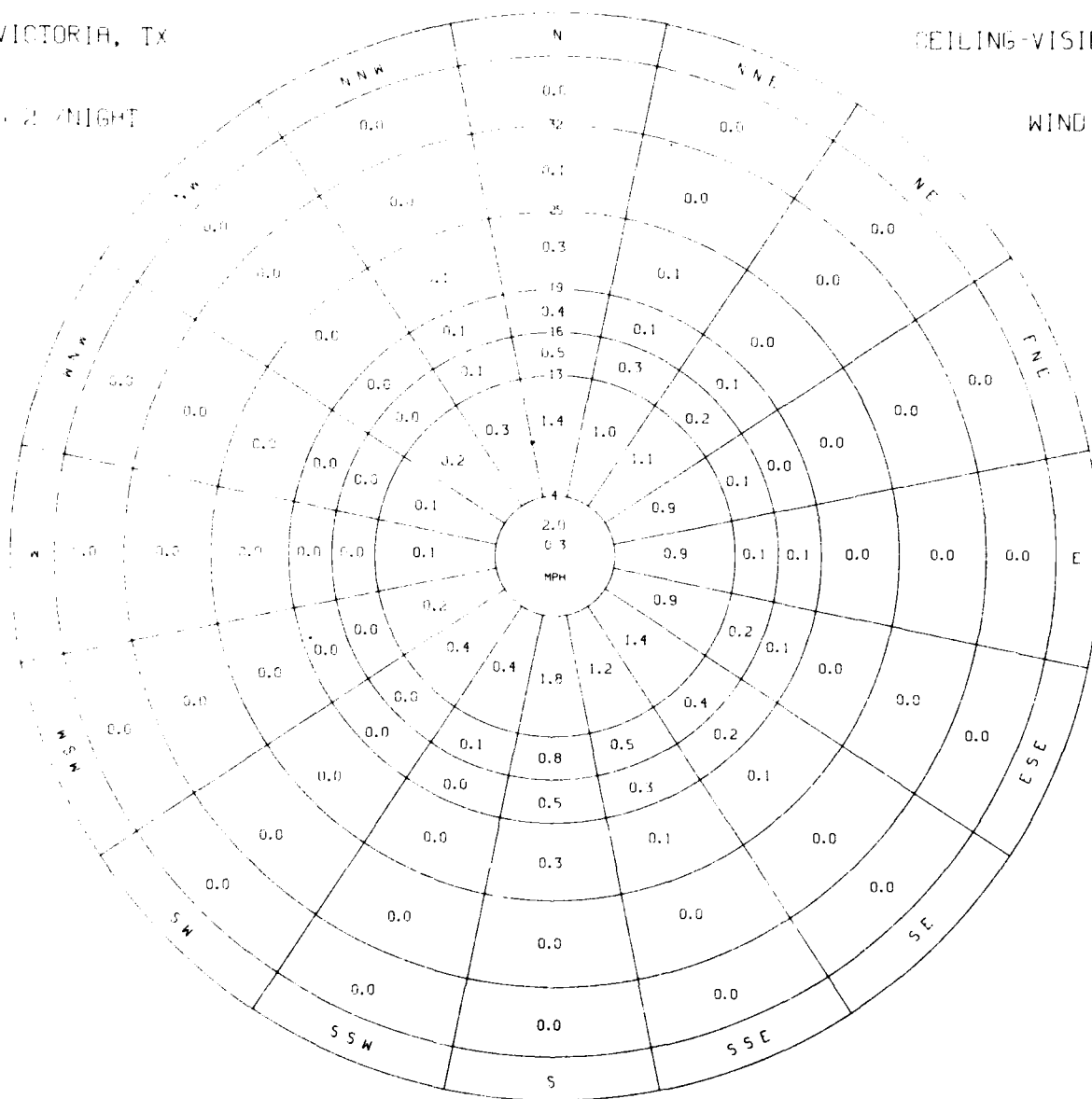
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.6	1.0	7.5	.5	3.4	.4	2.9	.2	1.8	.1	.5	.0	.0	2.3	16.7	12.8
NNE	.1	.4	.8	6.3	.3	2.4	.2	1.3	.1	.5	.0	.1	.0	.0	1.5	11.1	11.2
NE	.1	.5	.9	6.7	.2	1.6	.1	1.0	.0	.2	.0	.1	.0	.0	1.4	10.1	9.9
ENE	.1	.4	.6	4.4	.2	1.2	.1	.6	.0	.1	.0	.0	.0	.0	.9	6.7	9.5
E	.1	.4	.7	4.9	.1	.7	.1	.4	.0	.2	.0	.0	.0	.0	.9	6.7	9.6
ESE	.0	.2	.4	2.7	.1	1.1	.1	.6	.0	.3	.0	.0	.0	.0	.7	4.9	11.8
SE	.0	.2	.6	4.1	.2	1.7	.2	1.3	.1	.8	.0	.1	.0	.0	1.1	8.1	12.3
SSE	.0	.1	.4	2.9	.2	1.7	.2	1.6	.1	.8	.0	.0	.0	.0	1.0	7.2	13.2
S	.0	.3	.7	5.2	.4	2.7	.3	1.9	.1	1.0	.0	.0	.0	.0	1.5	11.0	12.5
SSW	.0	.2	.3	2.2	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.4	3.1	9.6
SW	.0	.1	.3	1.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.2	8.6
WSW	.0	.2	.2	1.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.5	7.5
W	.0	.3	.2	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	7.2
WNW	.0	.1	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	9.4
NW	.0	.2	.2	1.4	.0	.1	.0	.2	.0	.0	.0	.1	.0	.0	.3	2.0	9.7
NNW	.0	.1	.3	2.0	.1	.7	.1	.6	.0	.3	.0	.1	.0	.0	.5	3.8	12.3
CALM	.3	2.3													.3	2.3	
TOTAL	.9	6.6	7.4	55.2	2.4	18.0	1.7	12.8	.8	6.2	.2	1.2	.0	.1	13.5	100	11.0

VOT VICTORIA, TX

CLASS 2 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VLT VICTORIA, TX

PERIOD: 1965-1978

CLASS 2 / NIGHT

STATION NUMBER: 10910

NO. OBS.: 3864

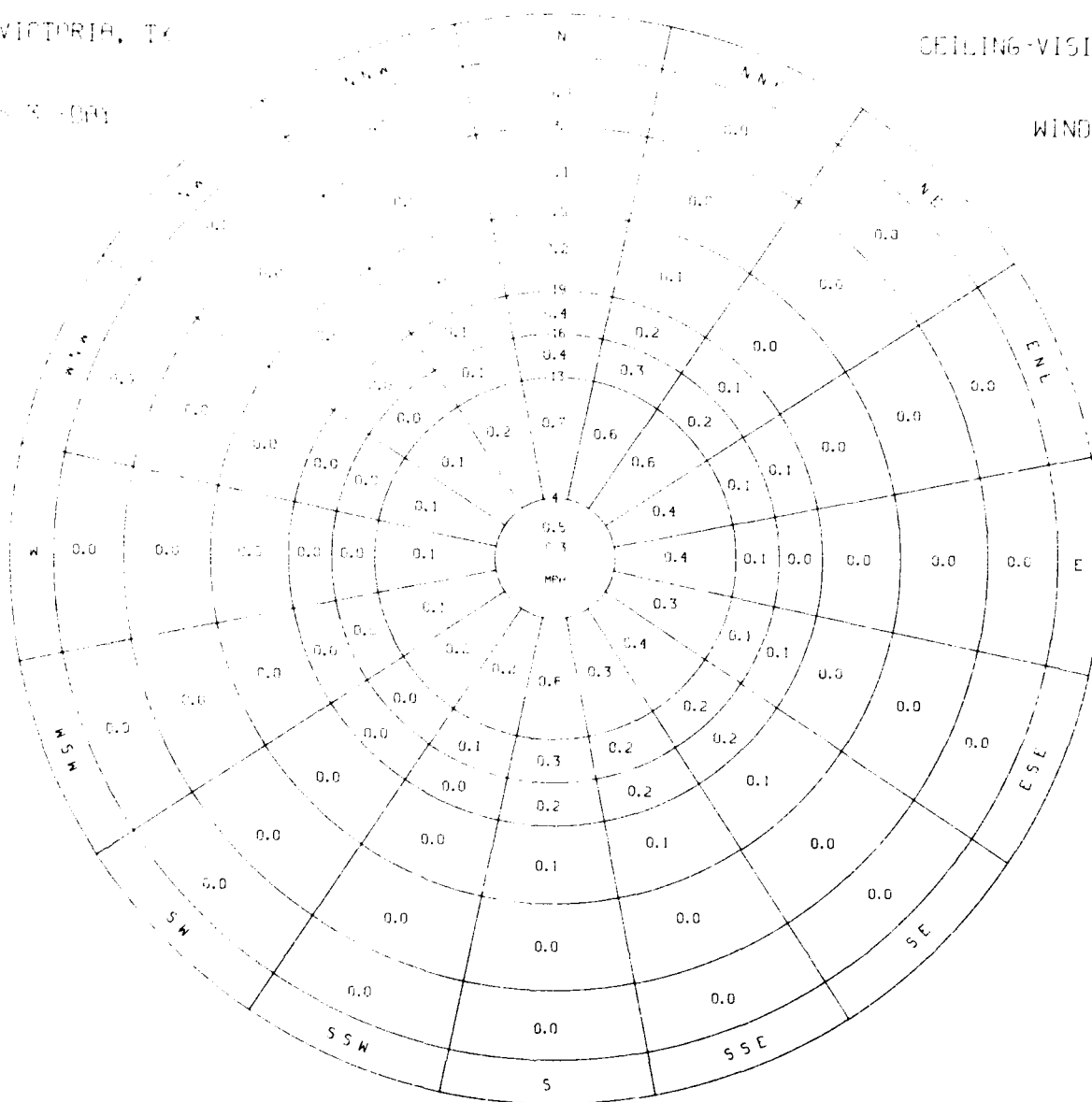
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.4	1.4	6.6	.5	2.6	.4	2.1	.3	1.5	.1	.4	.0	.0	2.8	13.6	12.7
NNE	.1	.3	1.0	4.8	.3	1.3	.1	.5	.1	.3	.0	.0	.0	.0	1.5	7.3	10.2
NE	.1	.4	1.1	5.2	.2	1.0	.1	.3	.0	.1	.0	.0	.0	.0	1.5	7.0	8.7
ENE	.1	.6	.9	4.4	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	1.2	5.7	7.9
E	.1	.5	.9	4.2	.1	.4	.1	.3	.0	.1	.0	.0	.0	.0	1.1	5.5	8.3
ESE	.1	.6	.9	4.3	.2	.9	.1	.4	.0	.1	.0	.0	.0	.0	1.3	6.2	9.0
SE	.1	.4	1.4	6.6	.4	1.7	.2	1.0	.1	.3	.0	.0	.0	.0	2.1	10.1	10.4
SSE	.0	.1	1.2	5.9	.5	2.4	.3	1.6	.1	.7	.0	.1	.0	.0	2.2	10.8	12.0
S	.1	.5	1.8	8.7	.8	3.6	.5	2.4	.3	1.2	.0	.1	.0	.0	3.4	16.6	11.9
SSW	.0	.2	.4	2.1	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.6	3.1	9.9
SW	.1	.3	.4	1.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	2.4	7.8
WSW	.0	.1	.2	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	7.1
W	.1	.3	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.0	6.7
WNW	.0	.2	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.9	7.7
NW	.0	.2	.2	1.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.3	1.4	8.3
NNW	.1	.3	.3	1.3	.1	.6	.1	.4	.1	.4	.0	.1	.0	.0	.6	3.1	12.1
CALM	.9	4.3													.9	4.3	
TOTAL	2.0	9.7	12.1	58.9	3.3	16.1	2.0	9.7	1.0	4.8	.2	.8	.0	.0	20.6	100	10.1

VOT VICTORIA, TX

CLASS 3 - DR

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VLT VICTORIA, TX

PERIOD: 1965-197

CLASS 3 / DAY

STATION NUMBER: 12912

NO. OBS.: 241

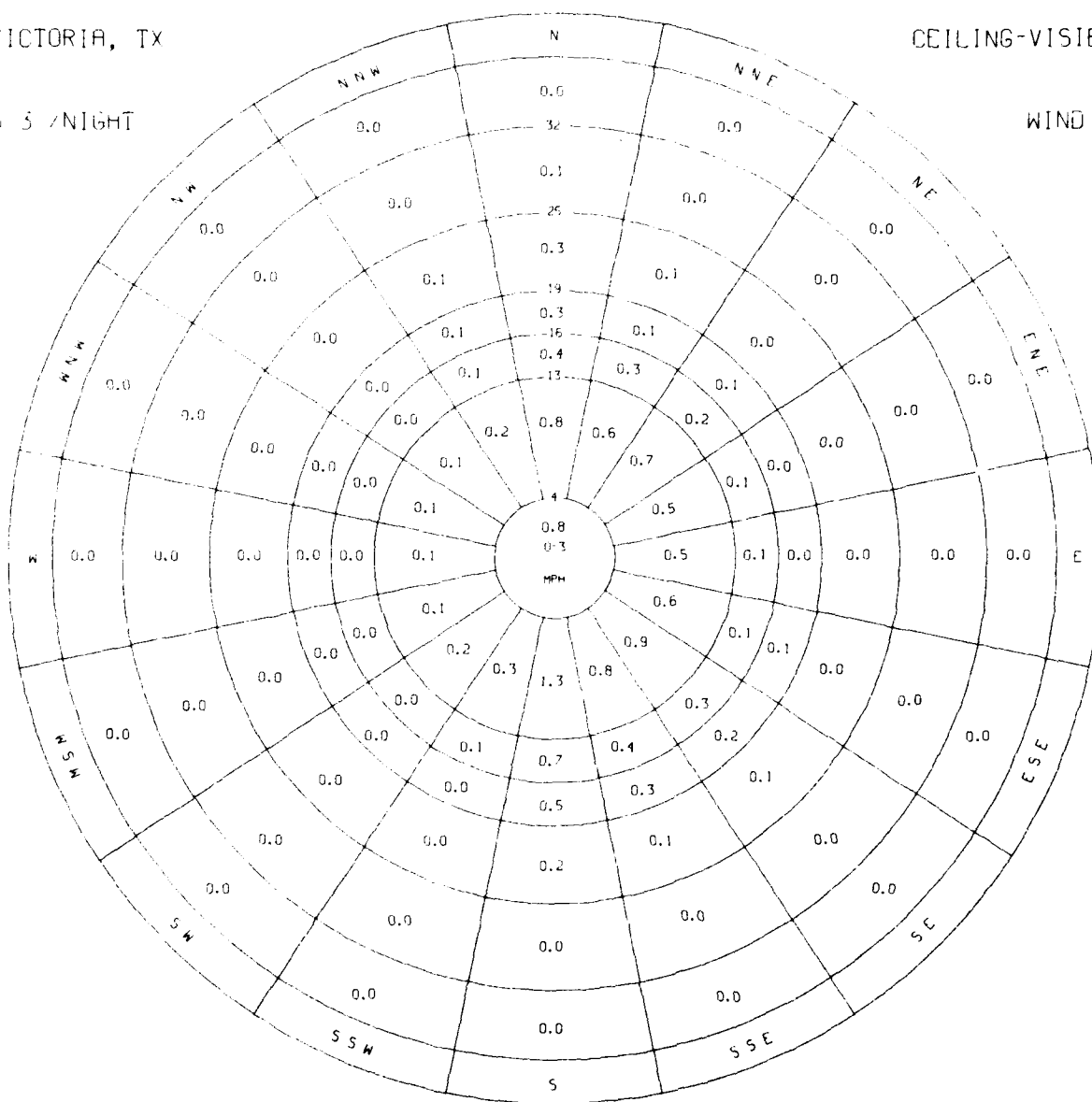
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.5	.7	6.9	.4	3.7	.4	3.2	.2	2.1	.1	.6	.0	.0	1.9	17.1	13.5
NNE	.0	.3	.6	5.2	.3	2.8	.2	1.6	.1	.6	.0	.2	.0	.0	1.2	10.7	12.1
NE	.0	.2	.6	6.0	.2	1.7	.1	1.1	.0	.2	.0	.2	.0	.0	1.0	9.4	10.5
ENE	.0	.3	.4	3.9	.1	1.4	.1	.6	.0	.1	.0	.0	.0	.0	.7	6.3	10.1
E	.0	.2	.4	4.1	.1	.7	.0	.5	.0	.2	.0	.0	.0	.0	.6	5.8	10.2
ESE	.0	.0	.3	2.5	.1	1.2	.1	.7	.0	.4	.0	.0	.0	.0	.5	4.9	12.4
SE	.0	.1	.4	4.1	.2	1.8	.2	1.5	.1	.9	.0	.1	.0	.0	.9	8.6	12.8
SSE	.0	.0	.3	2.9	.2	2.1	.2	1.9	.1	1.0	.0	.0	.0	.0	.7	7.9	13.7
S	.0	.3	.6	5.6	.3	3.1	.2	2.3	.1	1.2	.0	.0	.0	.0	1.4	12.5	12.8
SSW	.0	.2	.2	2.3	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.4	3.4	10.0
SW	.0	.1	.2	1.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	8.9
WSW	.0	.2	.1	1.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.5	7.9
W	.0	.2	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	7.3
WNW	.0	.0	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	9.8
NW	.0	.2	.1	1.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	1.8	9.5
NNW	.0	.1	.2	2.1	.1	.7	.1	.5	.0	.4	.0	.1	.0	.0	.4	4.0	12.6
CALM	.2	1.7													.2	1.7	
TOTAL	.5	4.7	5.6	51.6	2.2	20.3	1.6	14.7	.8	7.3	.1	1.4	.0	.1	10.9	100	11.7

VCT VICTORIA, TX

CLASS 3 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VOT VICTORIA, T.

PERIOD: 1965-1978

CLASS 3 / NIGHT

STATION NUMBER: 12912

NO. OBS.: 2646

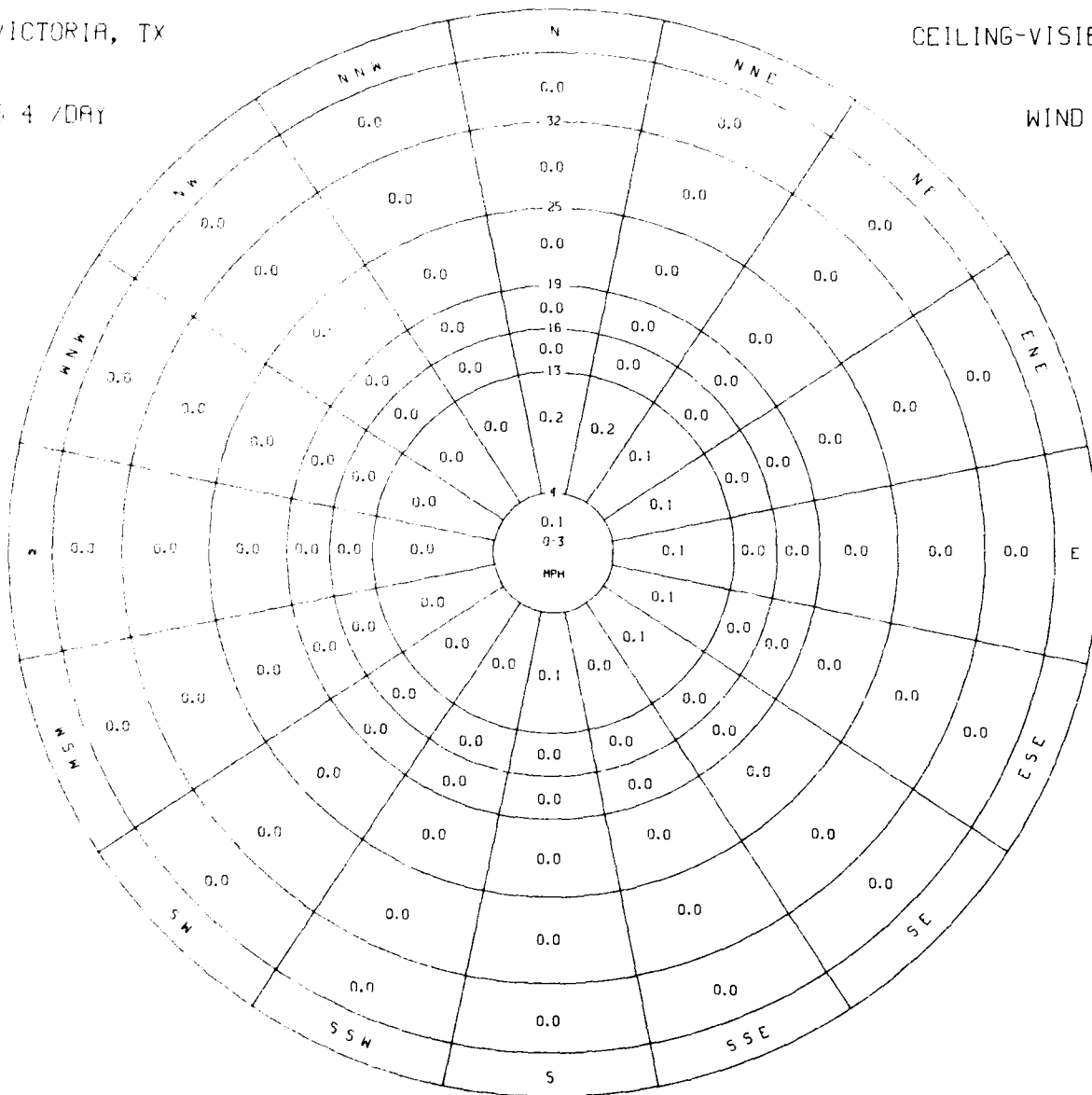
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.4	.8	5.7	.4	2.9	.3	2.5	.3	2.0	.1	.6	.0	.0	2.0	14.1	13.1
NNE	.0	.2	.6	4.3	.3	1.9	.1	.6	.1	.4	.0	.0	.0	.0	1.1	7.4	11.4
NE	.0	.2	.7	4.8	.2	1.2	.1	.5	.0	.1	.0	.0	.0	.0	1.0	6.8	9.6
ENE	.1	.4	.5	3.6	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.7	4.8	8.6
E	.0	.3	.5	3.5	.1	.4	.0	.3	.0	.0	.0	.0	.0	.0	.6	4.6	8.7
ESE	.1	.4	.6	4.0	.1	.8	.1	.5	.0	.1	.0	.0	.0	.0	.8	5.8	9.4
SE	.0	.1	.9	6.6	.3	2.0	.2	1.1	.1	.5	.0	.0	.0	.0	1.5	10.3	11.1
SSE	.0	.1	.8	5.5	.4	3.1	.3	2.3	.1	1.0	.0	.1	.0	.0	1.7	12.0	12.8
S	.1	.4	1.3	9.2	.7	4.9	.5	3.4	.2	1.7	.0	.1	.0	.0	2.8	19.8	12.6
SSW	.0	.1	.3	2.0	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.1	10.6
SW	.0	.2	.2	1.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.0	8.7
WSW	.0	.1	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	7.5
W	.0	.2	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	7.0
WNW	.0	.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	8.7
NW	.0	.1	.1	.5	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	1.0	10.1
NNW	.0	.2	.2	1.2	.1	.6	.1	.6	.1	.6	.0	.1	.0	.0	.5	3.2	13.6
CALM	.4	2.6													.4	2.6	
TOTAL	.8	5.9	7.6	54.2	2.8	19.5	1.8	12.6	.9	6.6	.2	1.2	.0	.0	14.1	100	11.2

VCT VICTORIA, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VOT VICTORIA, TX

PERIOD: 1965-1978

CLASS 4 / DAY

STATION NUMBER: 12912

NO. OBS.: 362

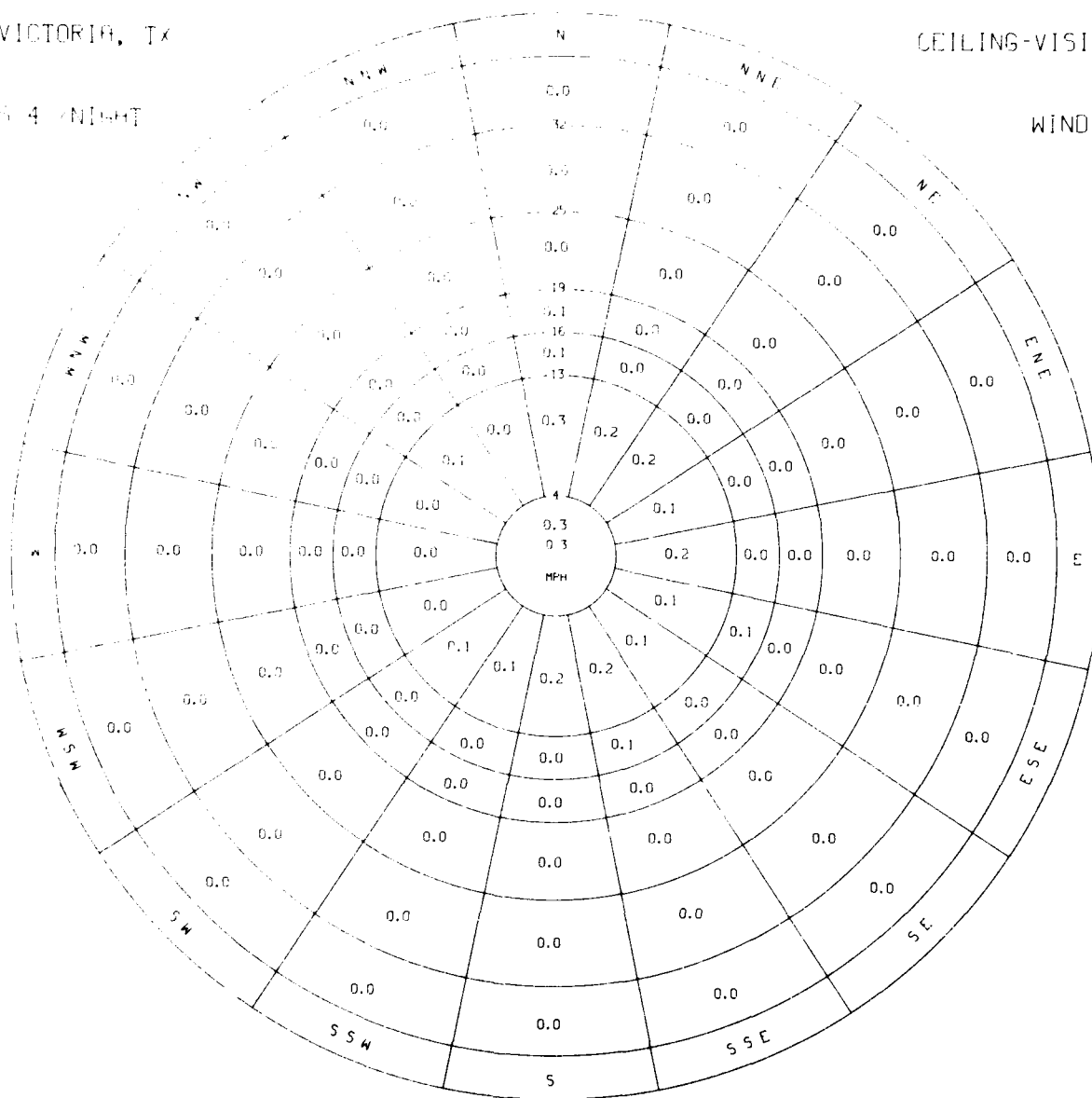
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.6	.2	10.5	.0	3.0	.0	2.2	.0	.6	.0	.0	.0	.0	.3	16.9	10.7
NNE	.0	.3	.2	11.6	.0	1.4	.0	.6	.0	.3	.0	.0	.0	.0	.2	14.1	9.4
NE	.0	1.4	.1	8.6	.0	1.1	.0	.6	.0	.3	.0	.0	.0	.0	.2	11.9	8.7
ENE	.0	.3	.1	5.2	.0	.6	.0	.8	.0	.0	.0	.0	.0	.0	.1	6.9	9.0
E	.0	1.1	.1	9.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.3	8.1
ESE	.0	.3	.1	4.1	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1	5.2	9.9
SE	.0	.3	.1	4.1	.0	1.7	.0	.3	.0	.3	.0	.0	.0	.0	.1	6.6	10.6
SSE	.0	.0	.0	1.7	.0	.3	.0	.6	.0	.3	.0	.0	.0	.0	.0	2.8	11.3
S	.0	.3	.1	3.9	.0	1.1	.0	.3	.0	.0	.0	.0	.0	.0	.1	5.5	9.7
SSW	.0	.0	.0	1.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.0
SW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.1
WSW	.0	.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.3
W	.0	.6	.0	1.7	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.8	8.0
WNW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.5
NW	.0	.0	.0	1.9	.0	.0	.0	.6	.0	.0	.0	.3	.0	.0	.0	2.8	11.1
NNW	.0	.0	.0	1.9	.0	.8	.0	1.1	.0	.0	.0	.0	.0	.0	.1	3.9	11.4
CALM	.0	2.2													.0	2.2	
TOTAL	.1	8.0	1.2	70.7	.2	11.9	.1	7.5	.0	1.7	.0	.3	.0	.0	1.6	100	9.2

VCT VICTORIA, TX

CLASS 4 NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VCT VICTORIA, TX

PERIOD: 1965-1978

CLASS 4 / NIGHT

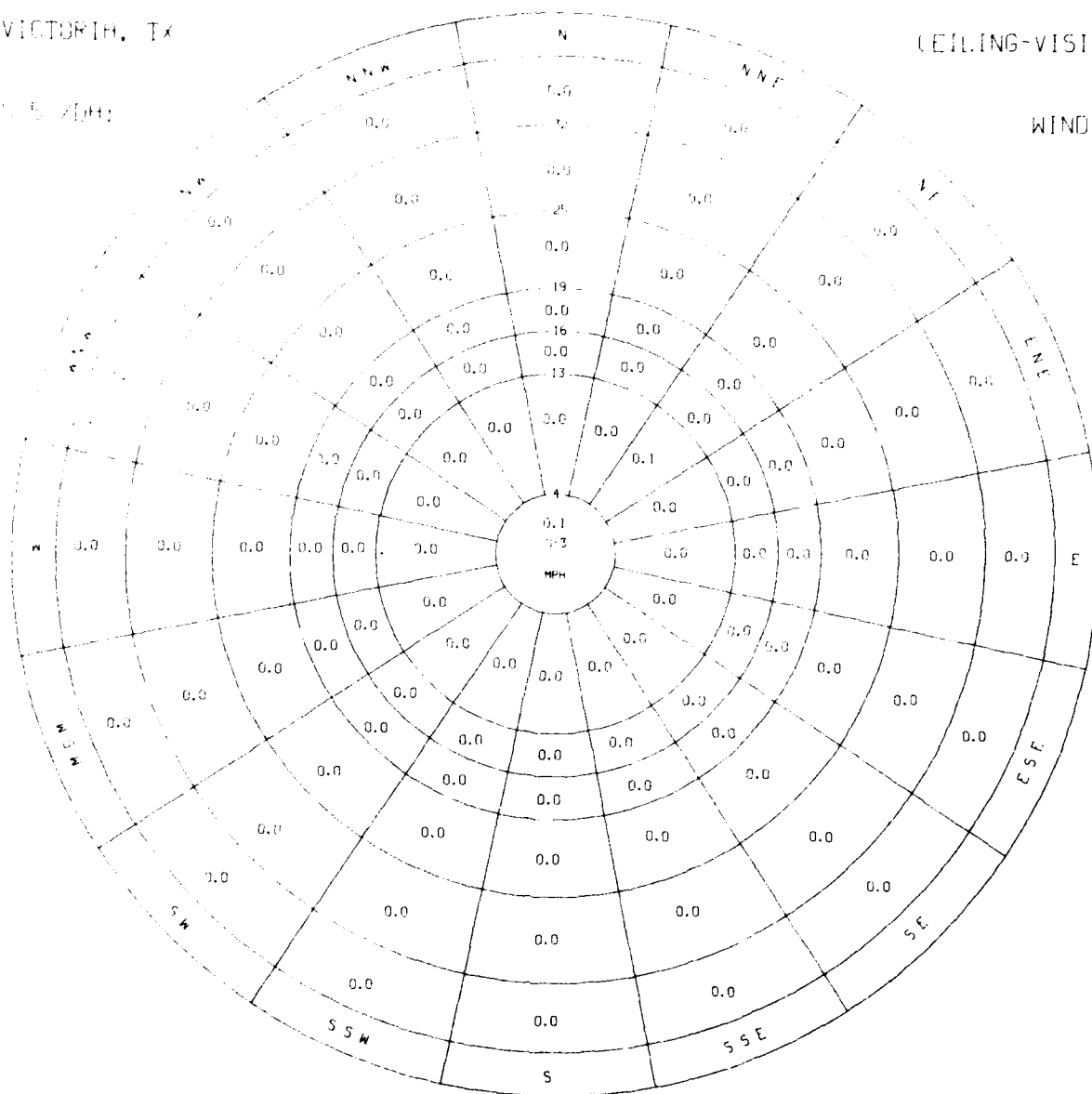
STATION NUMBER: 12912

NO. OBS.: 567

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.3	9.0	.1	3.7	.1	2.5	.0	1.1	.0	.0	.0	.0	.5	16.4	11.8
NNE	.0	.9	.2	5.8	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.2	7.2	8.0
NE	.0	.7	.2	5.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.1	8.3
ENE	.0	.7	.1	4.8	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.2	6.2	8.7
E	.0	.4	.2	6.9	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.3	8.3	8.8
ESE	.0	.0	.1	4.6	.1	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.2	6.9	10.2
SE	.0	.7	.1	4.6	.0	1.6	.0	1.2	.0	.2	.0	.0	.0	.0	.3	8.3	10.8
SSE	.0	.2	.2	7.9	.1	2.1	.0	.2	.0	.4	.0	.0	.0	.0	.3	10.8	10.2
S	.0	.5	.2	7.1	.0	1.4	.0	.5	.0	.2	.0	.0	.0	.0	.3	9.7	9.5
SSW	.0	.4	.1	3.2	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.1	8.7
SW	.0	.0	.1	2.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	7.4
WSW	.0	.0	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.0
W	.0	.2	.0	.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.1	8.8
WNW	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.7
NW	.0	.4	.1	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	7.5
NNW	.0	.4	.0	.7	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.1	2.1	10.6
CALM	.2	5.6													.2	5.6	
TOTAL	.3	11.3	2.0	65.6	.4	14.8	.2	6.5	.1	1.8	.0	.0	.0	.0	3.0	100	9.1

CLASS: 5 / 1000

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VICTORIA, TX

PERIOD: 1965-1978

CLASS E / DAY

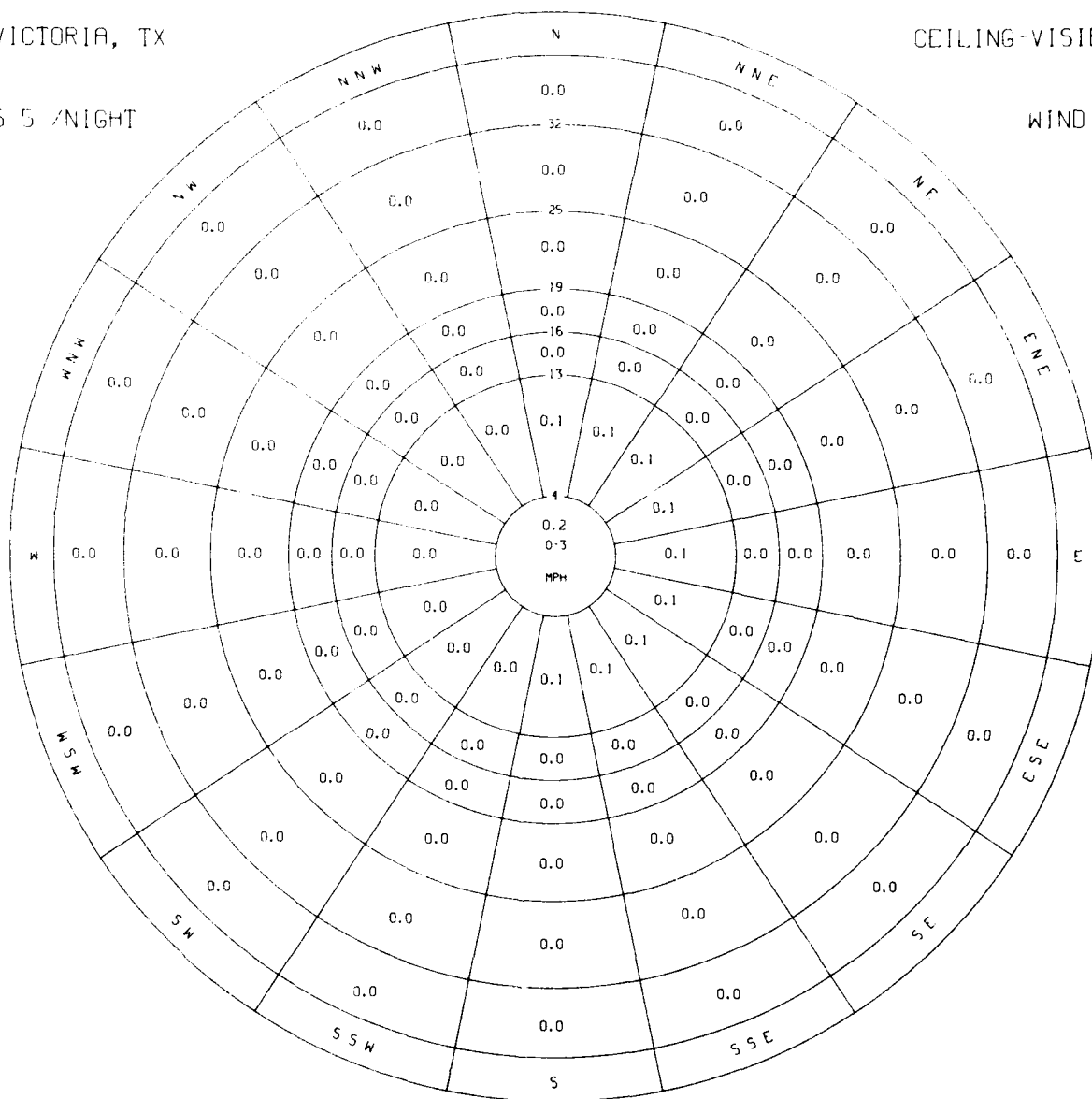
STATION NUMBER: 12912

NO. OBS.: 116

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.9	.0	9.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.1	7.5
NNE	.0	.9	.0	7.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	8.0
N E	.0	.0	.1	12.9	.0	1.7	.0	.9	.0	.0	.0	.0	.0	.0	.1	15.5	8.4
ENE	.0	.9	.0	9.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.3	6.3
E	.0	.1	.0	6.6	.0	.0	.0	.9	.0	.9	.0	.0	.0	.0	.1	11.2	9.0
ESE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	4.3	11.0
SE	.0	.9	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.4
SSE	.0	.9	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	7.0
S	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.0
SSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
SW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
WSW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0
W	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.0
WNW	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	3.4	11.2
NW	.0	1.7	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	6.0	8.6
NNW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.5
CALM	.0	9.5													.0	9.5	
TOTAL	.1	18.1	.4	72.4	.0	4.3	.0	1.7	.0	1.7	.0	1.7	.0	.0	.5	100	7.3

CLASS 5 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VOT VICTORIA, TX

PERIOD: 1965-1978

CLASS 5 / NIGHT

STATION NUMBER: 12912

NO. OBS.: 251

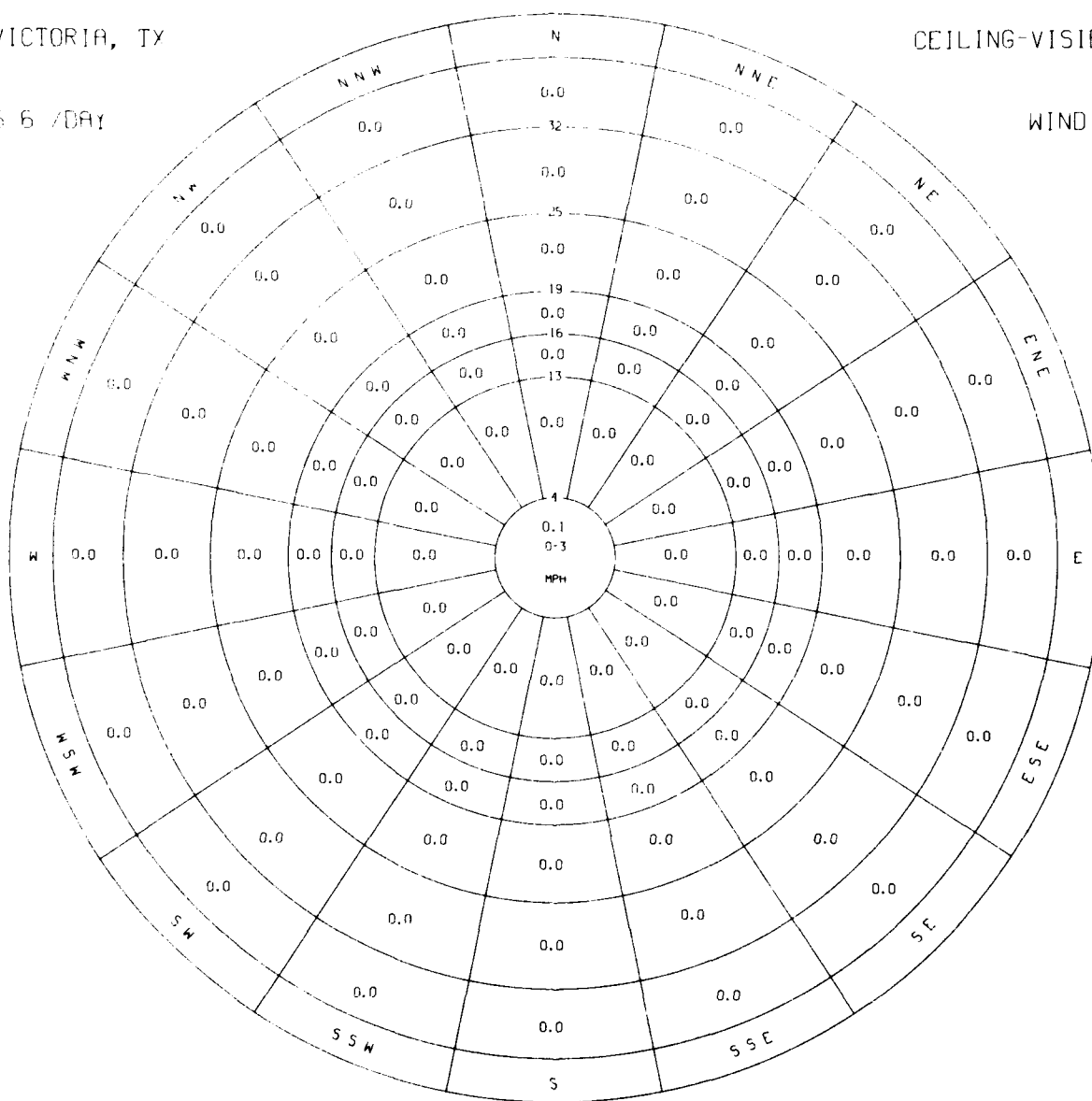
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.8	.1	5.8	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	11.6	8.4
NNE	.0	.8	.1	6.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.0	7.7
NE	.0	1.2	.1	8.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.6	6.6
ENE	.0	1.2	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.2	6.0
E	.0	.8	.1	4.8	.0	.0	.0	.4	.0	.4	.0	.0	.0	.0	.0	.1	6.4	9.1
ESE	.0	2.0	.1	6.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.4	6.6
SE	.0	.8	.1	10.0	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	11.6	8.0
SSE	.0	.0	.1	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	7.9
S	.0	.4	.1	5.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	8.8
SSW	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	2.8	8.9
SW	.0	.8	.0	3.2	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	4.4	7.0
WSW	.0	.0	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.8
W	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
WNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	9.5
NW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.2
NNW	.0	1.2	.0	2.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	8.8
CALM	.1	7.6														.1	7.6	
TOTAL	.2	18.3	1.0	73.7	.1	5.6	.0	1.6	.0	.8	.0	.0	.0	.0	.0	1.3	100	7.1

VCT VICTORIA, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VOT VICTORIA, TX

PERIOD: 1965-1978

CLASS 6 / DAY

STATION NUMBER: 12912

NO. OBS.: 99

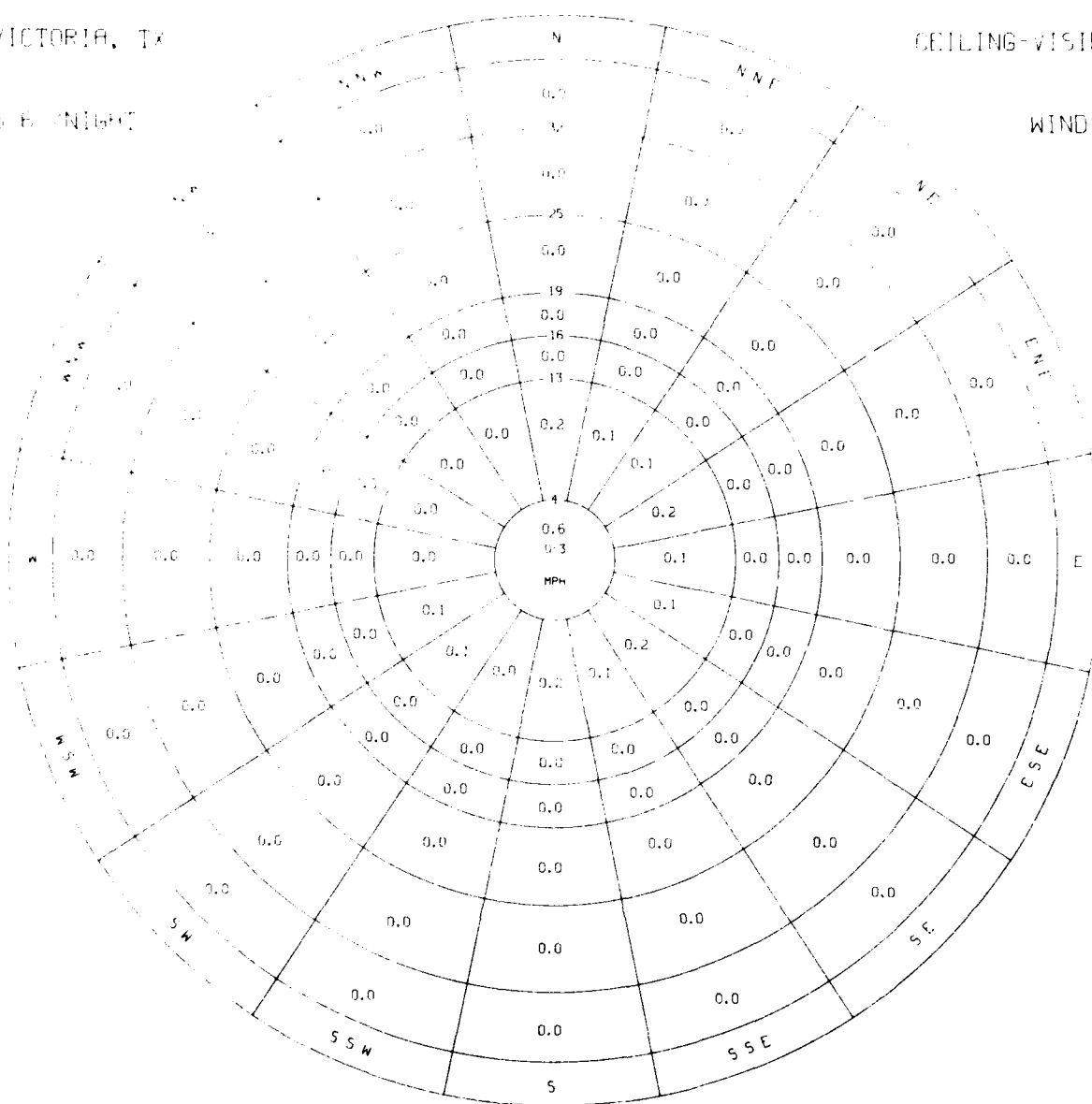
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	3.0	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.1	6.8
NNE	.0	3.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.1	5.7
NE	.0	5.1	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.1	5.4
ENE	.0	4.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	5.5
E	.0	1.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	6.7
ESE	.0	3.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	3.8
SE	.0	1.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	7.4
SSE	.0	1.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	6.8
S	.0	.0	.0	5.1	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	6.1	8.3
SSW	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.3
SW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
WSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0
W	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.0
WNW	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.5
CALM	.0	9.1													.0	9.1	
TOTAL	.1	33.3	.3	65.7	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.4	100	5.5

VCT VICTORIA, TX

CLAS B NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: VCT VICTORIA, TX

PERIOD: 1965-1978

CLASS 6 / NIGHT

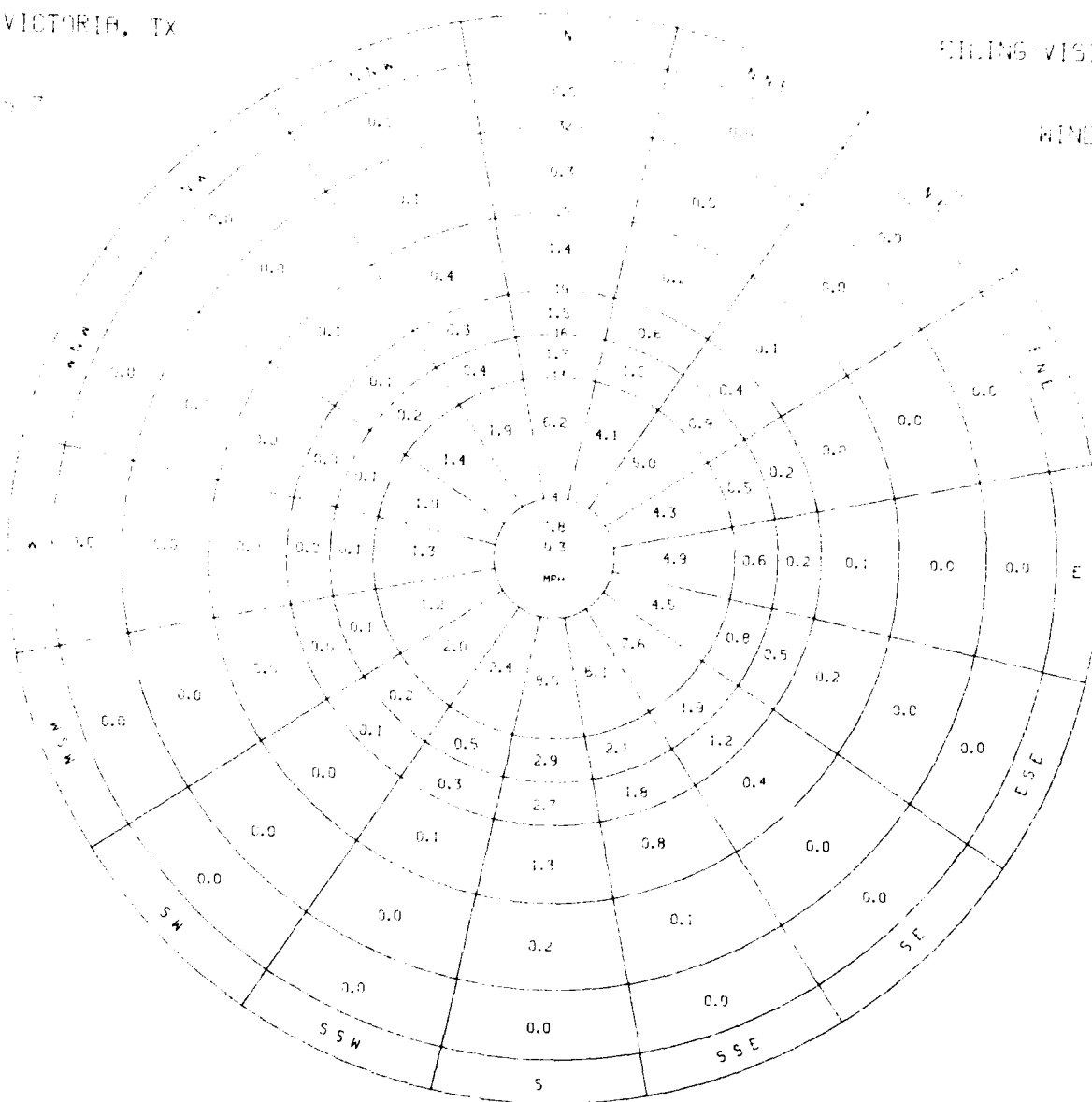
STATION NUMBER: 12912

NO. OBS.: 400

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.2	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0	6.7
NNE	.0	.1	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	5.8
NE	.0	1.2	.1	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.7	5.4
ENE	.0	1.7	.2	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.7	6.0
E	.1	2.5	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.5	5.1
ESE	.0	1.7	.1	4.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.7	6.5
SE	.0	2.0	.2	7.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.2	10.0	6.8
SSE	.0	.2	.1	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	7.4
S	.0	1.2	.2	9.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.2	7.0
SSW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.5
SW	.0	1.2	.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	5.7
WSW	.0	.2	.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	5.9
W	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.8
WNW	.0	.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.4
NW	.0	.5	.0	1.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	6.0
NNW	.0	.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	5.9
CALM	.2	11.5													.2	11.5	
TOTAL	.6	26.7	1.5	71.7	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	2.1	100	5.5

[illegible]

WIND GRAPH

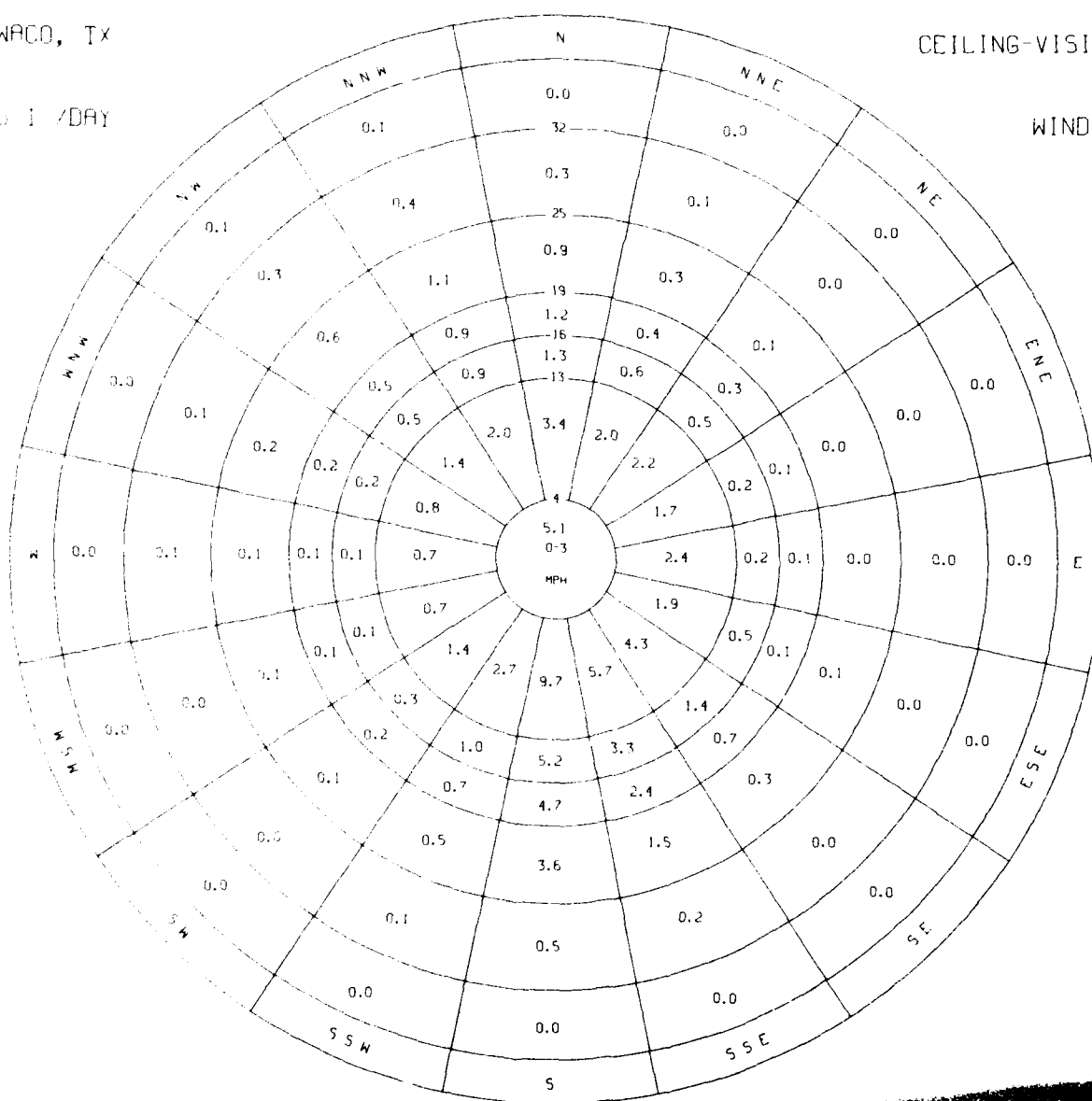


ACT WACO, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: APT WACO, TX

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 13953

NO. OBS.: 42412

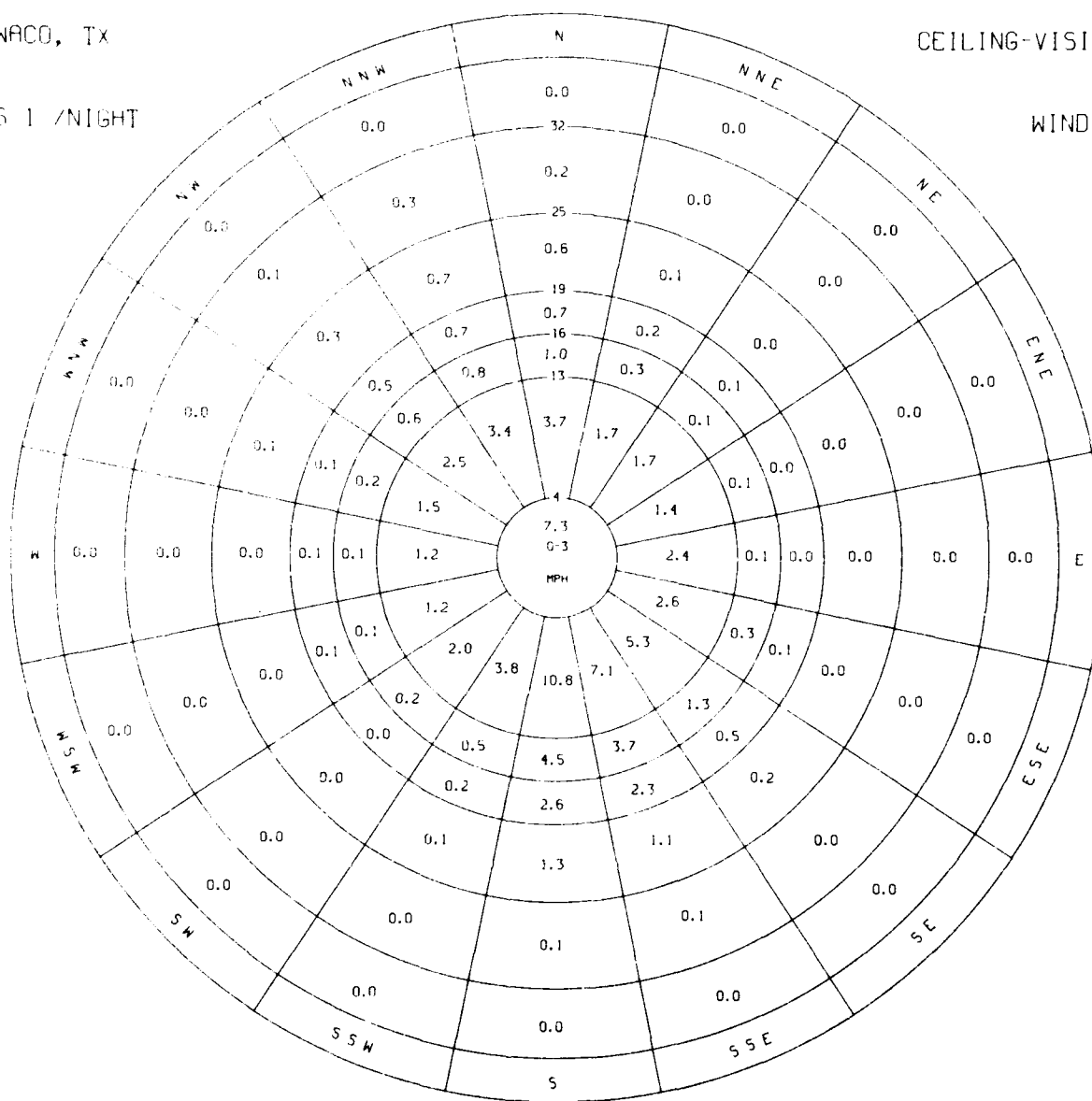
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	.2	3.4	3.8	1.3	1.4	1.2	1.3	.9	1.0	.3	.3	.0	.0	7.2	8.1	13.1
NNE	.1	.1	2.0	2.2	.6	.7	.4	.5	.3	.3	.1	.1	.0	.0	3.5	3.9	11.8
NE	.2	.3	2.2	2.5	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	3.4	3.8	10.1
ENE	.1	.2	1.7	1.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2	2.5	8.8
E	.2	.3	2.4	2.7	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.4	8.4
ESE	.1	.1	1.9	2.2	.5	.5	.1	.2	.1	.1	.0	.0	.0	.0	2.7	3.0	9.9
SE	.2	.3	4.3	4.8	1.4	1.6	.7	.8	.3	.3	.0	.0	.0	.0	7.0	7.8	10.9
SSE	.1	.2	5.7	6.4	3.3	3.7	2.4	2.7	1.5	1.7	.2	.2	.0	.0	13.3	14.9	13.4
S	.4	.4	9.7	10.9	5.2	5.8	4.7	5.2	3.6	4.1	.5	.6	.0	.0	24.1	27.0	13.9
SSW	.1	.2	2.7	3.0	1.0	1.1	.7	.8	.5	.6	.1	.1	.0	.0	5.1	5.7	12.3
SW	.1	.1	1.4	1.6	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.2	2.5	10.3
WSW	.1	.1	.7	.8	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.2	1.3	11.4
W	.1	.1	.7	.8	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	1.3	1.4	11.5
WNW	.1	.1	.8	.9	.2	.2	.2	.2	.2	.2	.1	.1	.0	.0	1.6	1.8	13.2
NW	.2	.2	1.4	1.6	.5	.6	.5	.6	.6	.7	.3	.3	.1	.1	3.5	4.0	14.3
NNW	.1	.1	2.0	2.2	.9	1.0	.9	1.0	1.1	1.2	.4	.4	.1	.1	5.4	6.1	15.0
CALM	2.5	2.8													2.5	2.8	
TOTAL	5.1	5.7	43.1	48.3	16.4	18.4	12.8	14.3	9.6	10.7	2.1	2.3	.3	.3	89.3	100	12.3

ACT WACO, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACT WACO, TX

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 13959

NO. OBS.: 35237

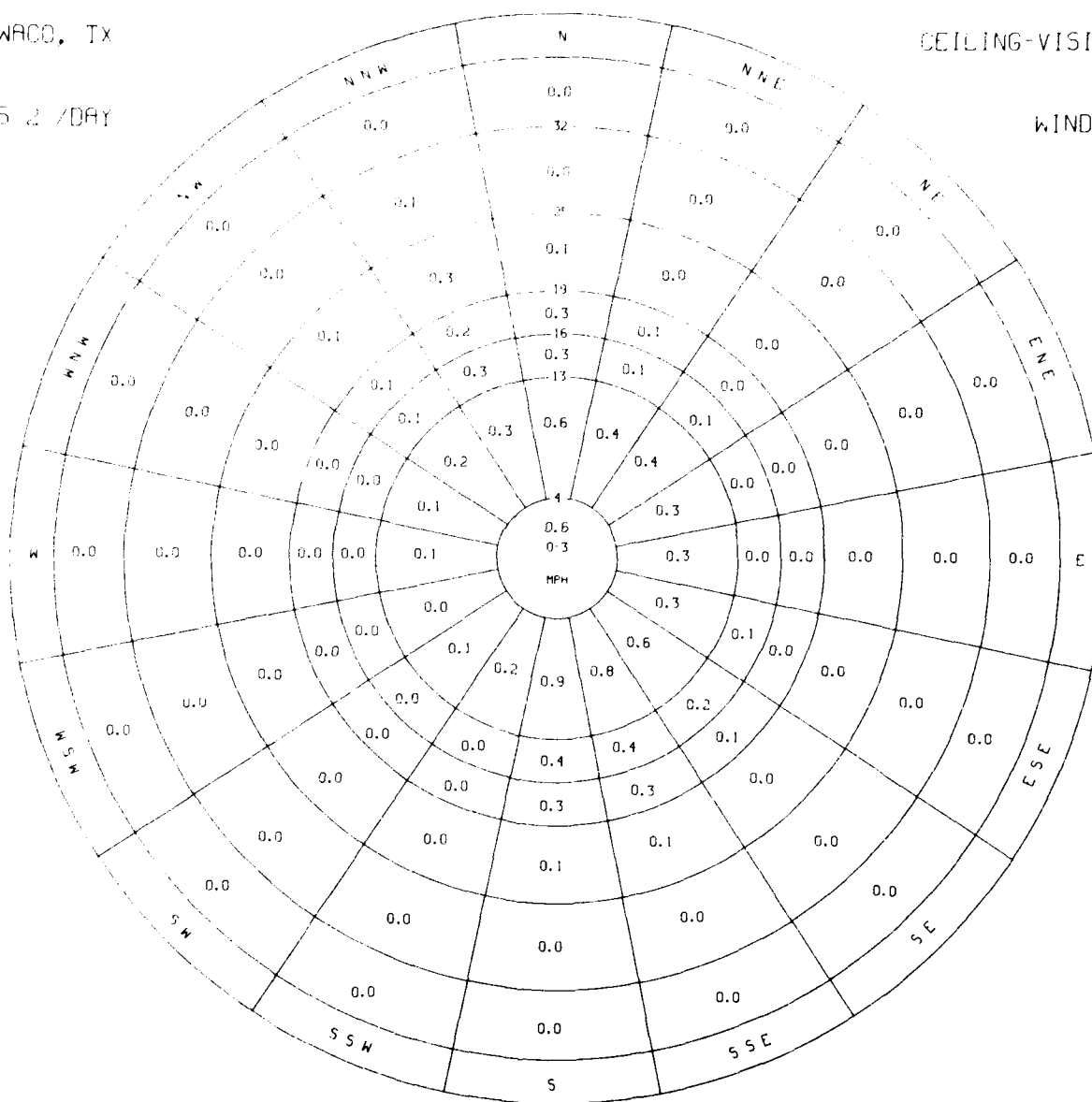
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.3	3.7	4.2	1.0	1.2	.7	.8	.6	.7	.2	.2	.0	.0	6.5	7.4	11.8
NNE	.2	.2	1.7	2.0	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.6	3.0	10.0
NE	.3	.3	1.7	2.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.6	8.0
ENE	.2	.2	1.4	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.9	7.2
E	.3	.3	2.4	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.2	7.2
ESE	.1	.2	2.6	3.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.6	8.5
SE	.2	.2	5.3	6.0	1.3	1.4	.5	.6	.2	.3	.0	.0	.0	.0	7.6	8.6	10.4
SSE	.2	.2	7.1	8.1	3.7	4.2	2.3	2.7	1.1	1.3	.1	.1	.0	.0	14.6	16.7	12.8
S	.3	.4	10.8	12.3	4.5	5.2	2.6	2.9	1.3	1.5	.1	.2	.0	.0	19.7	22.4	12.0
SSW	.2	.2	3.8	4.3	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.8	5.5	9.3
SW	.2	.2	2.0	2.3	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.5	2.8	7.9
WSW	.1	.1	1.2	1.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	1.7	8.1
W	.2	.2	1.2	1.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.6	1.8	8.1
WNW	.2	.2	1.5	1.7	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.2	2.5	9.7
NW	.2	.2	2.5	2.9	.6	.7	.5	.5	.3	.4	.1	.2	.0	.0	4.2	4.8	11.6
NNW	.2	.2	3.4	3.8	.8	.9	.7	.8	.7	.8	.3	.3	.0	.1	6.1	6.9	12.5
CALM	4.0	4.5													4.0	4.5	
TOTAL	7.3	8.3	52.3	59.6	14.0	16.0	8.3	9.5	4.7	5.4	1.0	1.1	.1	.1	87.7	100	10.5

ACT WACO, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACT WACO, TX

PERIOD: 1949-1978

CLASS 2 / DAY

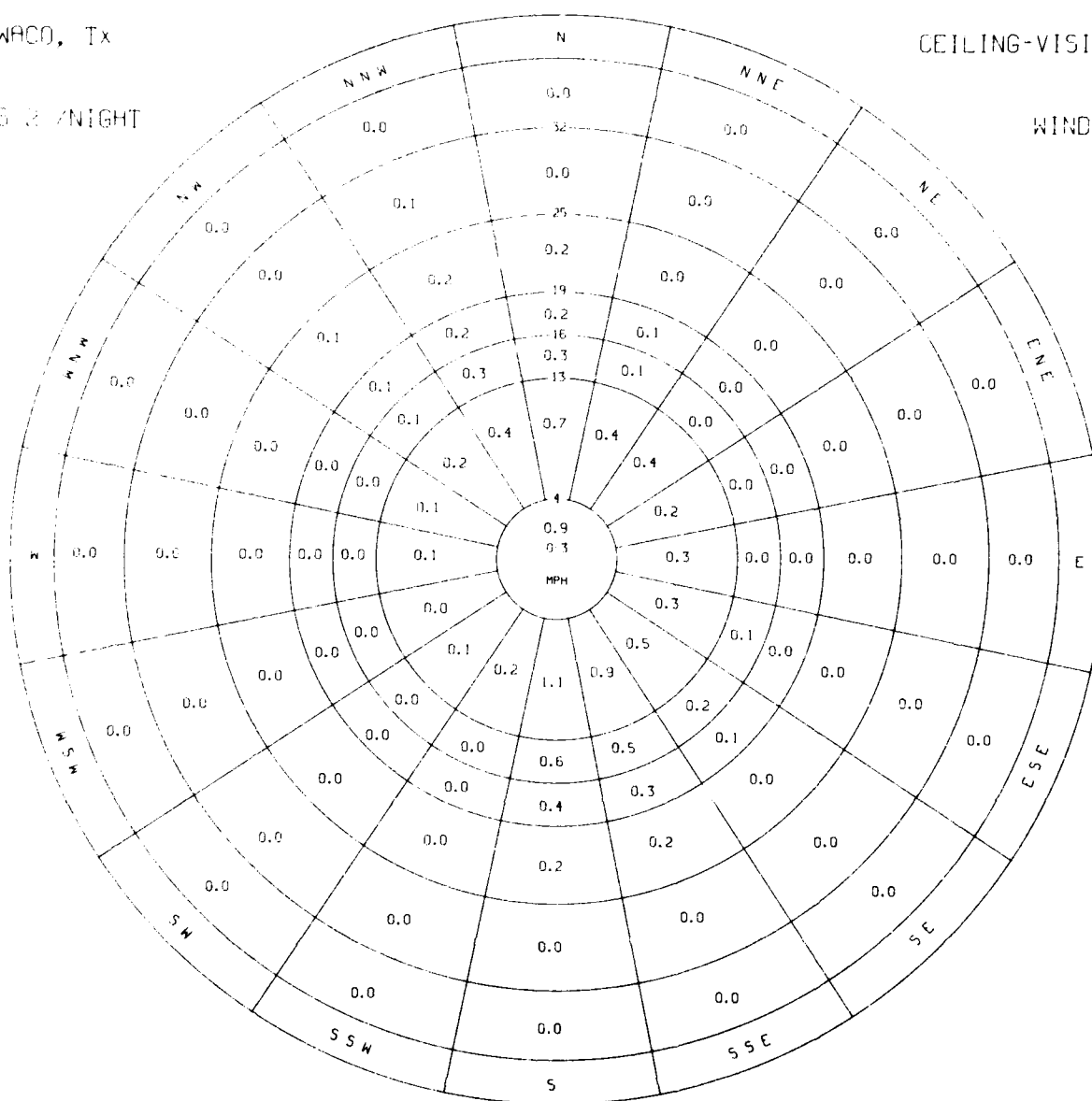
STATION NUMBER: 13959

NO. OBS.: 5057

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.6	5.7	.3	2.7	.3	2.4	.1	1.2	.0	.4	.0	.1	1.4	12.8	13.3
NNE	.0	.2	.4	3.6	.1	1.1	.1	.9	.0	.4	.0	.1	.0	.0	.7	6.4	11.5
NE	.0	.3	.4	3.7	.1	.9	.0	.3	.0	.1	.0	.1	.0	.0	.6	5.3	9.9
ENE	.0	.2	.3	2.6	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	3.1	8.2
E	.0	.3	.3	3.1	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.4	4.0	8.3
ESE	.0	.2	.3	2.7	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.8	9.9
SE	.0	.2	.6	5.4	.2	1.5	.1	.9	.0	.3	.0	.1	.0	.0	.9	8.3	10.9
SSE	.0	.1	.8	7.4	.4	3.8	.3	2.5	.1	1.0	.0	.0	.0	.0	1.6	14.7	12.6
S	.0	.3	.9	8.3	.4	4.1	.3	2.5	.1	1.2	.0	.2	.0	.0	1.8	16.6	12.5
SSW	.0	.2	.2	1.6	.0	.3	.0	.2	.0	.1	.0	.1	.0	.0	.3	2.4	10.5
SW	.0	.0	.1	.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.7	9.0
WSW	.0	.0	.0	.4	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.6	12.5
W	.0	.0	.1	.5	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.1	.9	12.9
WNW	.0	.1	.1	.9	.0	.3	.0	.1	.0	.2	.0	.1	.0	.0	.2	1.7	12.5
NW	.0	.1	.2	1.9	.1	.9	.1	1.0	.1	.5	.0	.5	.0	.1	.5	5.1	15.0
NNW	.0	.1	.3	2.6	.3	2.4	.2	2.1	.3	2.4	.1	.7	.0	.1	1.1	10.5	16.1
CALM	.3	2.9													.3	2.9	
TOTAL	.6	5.7	5.4	51.0	2.0	19.2	1.4	13.4	.8	7.8	.2	2.3	.1	.5	10.7	100	11.9

CLASS 2 / NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: APT WARE, TX

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 14959

NO. OBS.: 4921

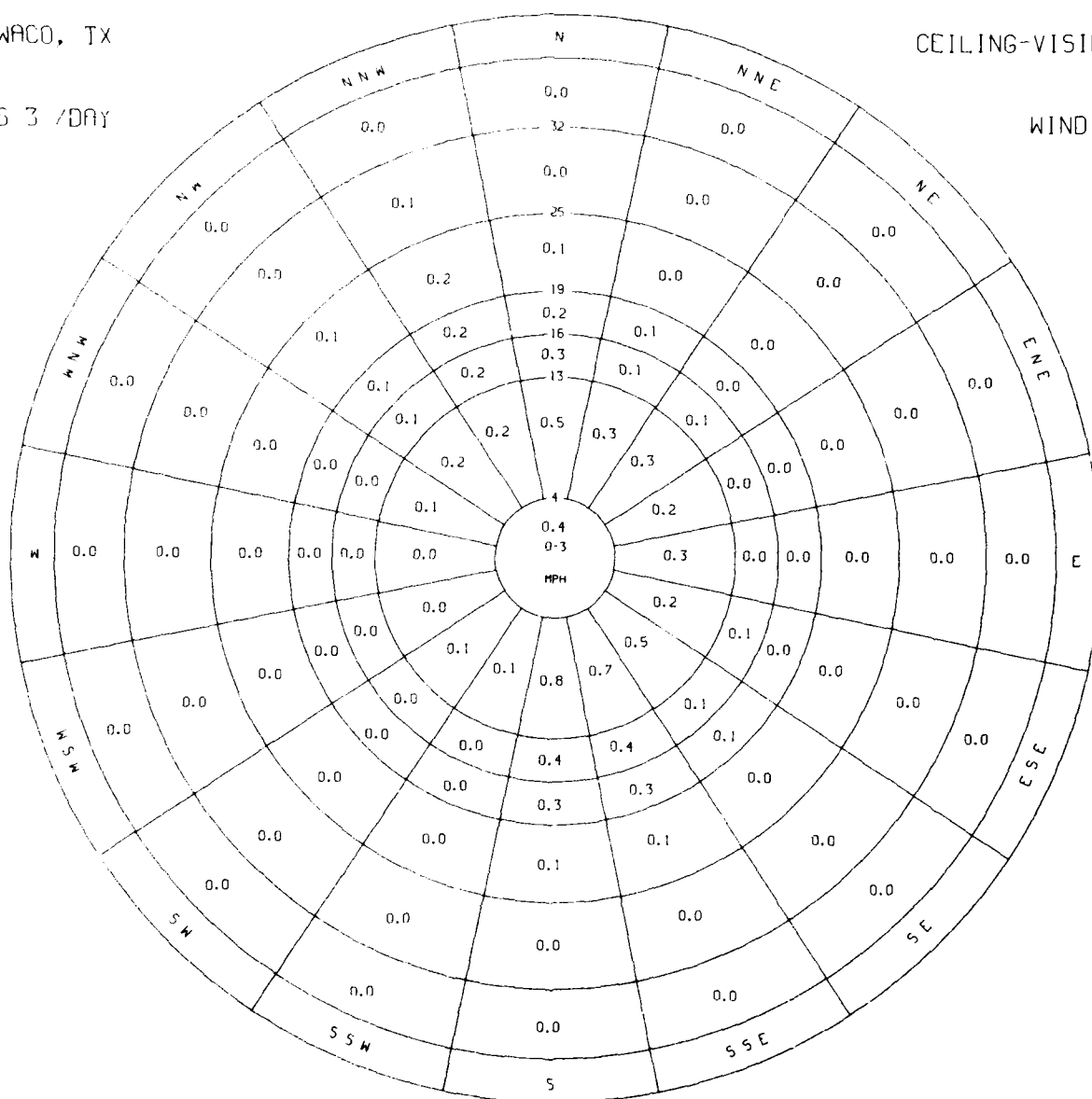
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.7	5.9	.3	2.7	.2	1.8	.2	1.3	.0	.3	.0	.1	1.5	12.4	12.9
NNE	.0	.3	.4	3.3	.1	1.2	.1	.6	.0	.3	.0	.1	.0	.0	.7	5.8	11.3
NE	.1	.4	.4	3.0	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.5	4.2	9.2
ENE	.0	.2	.2	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.4	8.4
E	.0	.4	.3	2.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.2	7.6
ESE	.0	.2	.3	2.5	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.2	9.0
SE	.0	.4	.5	4.0	.2	1.7	.1	.9	.0	.3	.0	.1	.0	.0	.9	7.4	11.1
SSE	.0	.3	.9	7.2	.5	4.0	.3	2.8	.2	1.2	.0	.2	.0	.0	1.9	15.7	12.9
S	.0	.3	1.1	9.0	.6	5.0	.4	2.9	.2	1.7	.0	.1	.0	.0	2.3	19.0	12.8
SSW	.0	.1	.2	1.7	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.3	2.6	10.4
SW	.0	.1	.1	1.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.3	8.4
WSW	.0	.1	.0	.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	.8	10.7
W	.0	.0	.1	.7	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.2	11.0
WNW	.0	.1	.1	1.0	.0	.3	.0	.2	.0	.2	.0	.1	.0	.0	.2	1.8	11.9
NW	.0	.1	.2	2.0	.1	1.1	.1	.8	.1	.9	.0	.3	.0	.0	.6	5.2	14.3
NNW	.0	.2	.4	3.5	.3	2.1	.2	1.8	.2	1.8	.1	.6	.0	.1	1.2	10.1	14.9
CALM	.5	3.8													.5	3.8	
TOTAL	.5	7.4	6.1	49.6	2.4	19.8	1.6	12.7	1.0	8.5	.2	1.8	.0	.3	12.3	100	11.7

ACT WACO, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: APT WACO, TX

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 13959

NO. OBS.: 4396

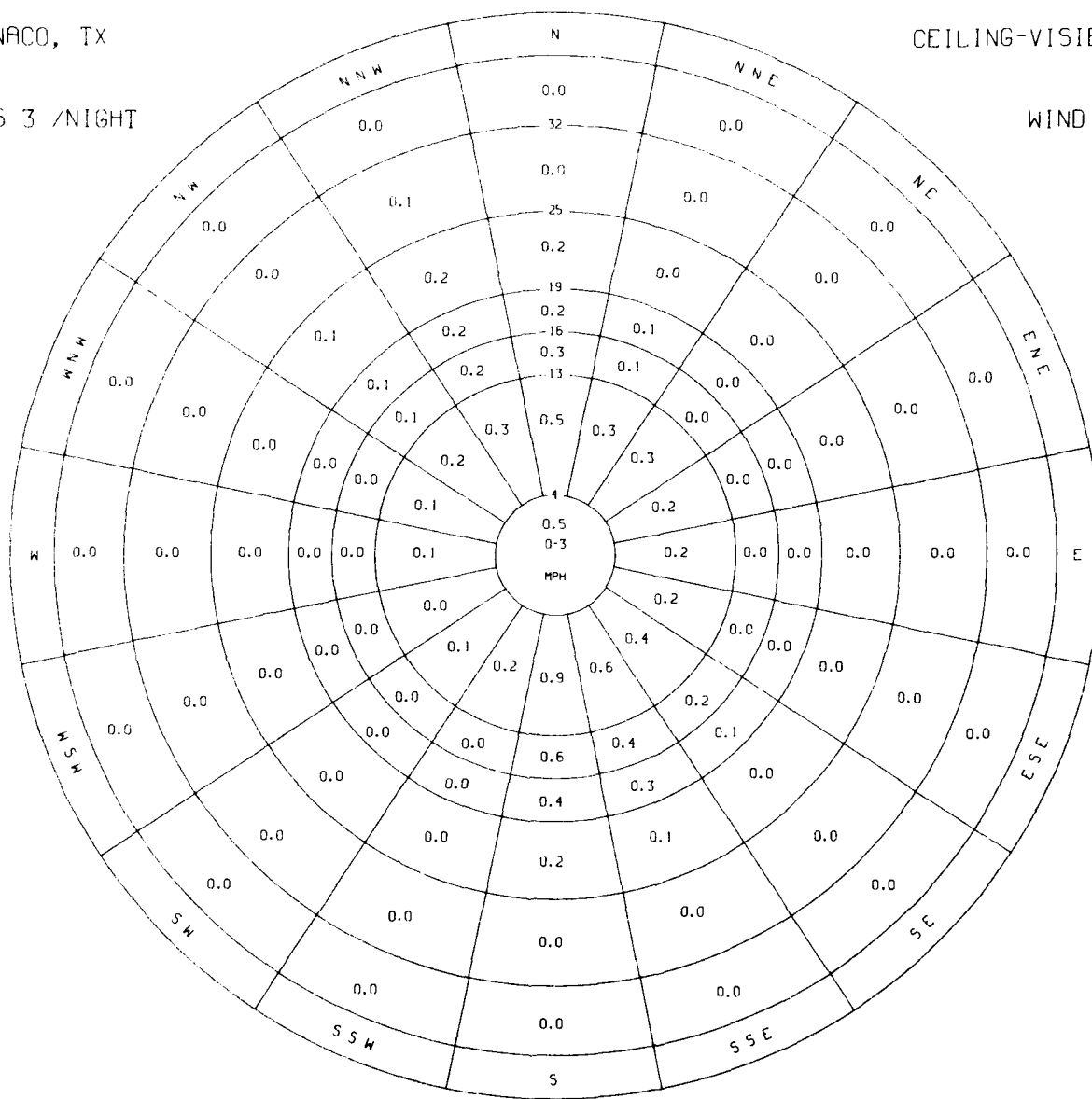
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.5	5.6	.3	2.9	.2	2.5	.1	1.4	.0	.4	.0	.1	1.2	13.3	13.5
NNE	.0	.2	.3	3.5	.1	1.1	.1	1.0	.0	.4	.0	.1	.0	.0	.6	6.3	11.9
NE	.0	.3	.3	3.5	.1	.8	.0	.3	.0	.1	.0	.1	.0	.0	.5	5.1	10.2
ENE	.0	.2	.2	2.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.9	8.5
E	.0	.3	.3	2.8	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.3	3.7	8.7
ESE	.0	.1	.2	2.6	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.3	3.7	10.2
SE	.0	.1	.5	5.2	.1	1.6	.1	1.0	.0	.3	.0	.1	.0	.0	.8	8.3	11.3
SSE	.0	.1	.7	7.2	.4	4.0	.3	2.8	.1	1.1	.0	.0	.0	.0	1.4	15.2	12.9
S	.0	.3	.8	8.2	.4	4.6	.3	2.7	.1	1.4	.0	.2	.0	.0	1.6	17.4	12.8
SSW	.0	.1	.1	1.3	.0	.3	.0	.2	.0	.2	.0	.1	.0	.0	.2	2.1	11.5
SW	.0	.0	.1	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.8	9.0
WSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.6	10.0
W	.0	.0	.0	.5	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.1	.9	13.1
WNW	.0	.1	.1	.9	.0	.3	.0	.1	.0	.3	.0	.0	.0	.0	.2	1.8	12.3
NW	.0	.0	.2	1.8	.1	.9	.1	1.2	.1	.6	.0	.5	.0	.1	.5	5.2	15.5
NNW	.0	.1	.2	2.5	.2	2.4	.2	2.3	.2	2.5	.1	.8	.0	.1	1.0	10.6	16.3
CALM	.2	2.2													.2	2.2	
TOTAL	.4	4.5	4.5	49.0	1.9	20.2	1.4	14.7	.8	8.6	.2	2.4	.0	.5	9.3	100	12.4

ACT WACO, TX

CLASS 3 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACT WACO, TX

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 13959

NO. OBS.: 3920

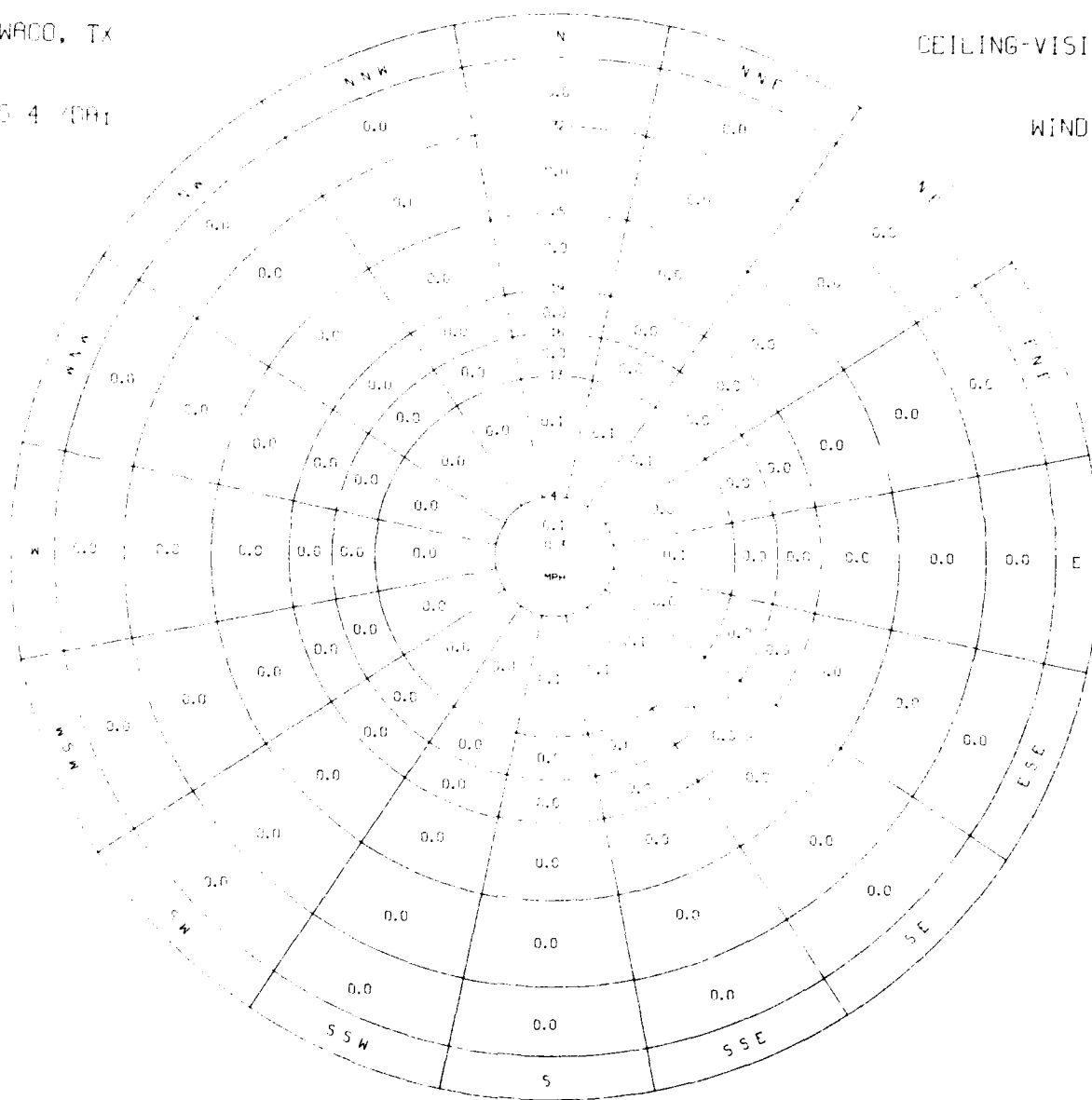
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.2	.5	5.5	.3	3.0	.2	2.1	.2	1.6	.0	.4	.0	.1	1.3	13.0	13.7
NNE	.0	.2	.3	3.1	.1	1.2	.1	.6	.0	.4	.0	.2	.0	.0	.5	5.6	11.9
NE	.0	.2	.3	2.8	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.4	3.9	9.8
ENE	.0	.1	.2	1.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	9.1
E	.0	.3	.2	2.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.7	8.0
ESE	.0	.1	.2	2.2	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.8	9.3
SE	.0	.2	.4	3.7	.2	1.9	.1	1.1	.0	.3	.0	.1	.0	.0	.7	7.3	11.9
SSE	.0	.3	.6	6.6	.4	4.6	.3	3.3	.1	1.5	.0	.2	.0	.0	1.6	16.5	13.5
S	.0	.2	.9	8.8	.6	5.8	.4	3.6	.2	2.0	.0	.1	.0	.0	2.0	20.6	13.3
SSW	.0	.1	.2	1.6	.0	.4	.0	.4	.0	.2	.0	.1	.0	.0	.3	2.6	11.8
SW	.0	.0	.1	.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.9	10.2
WSW	.0	.1	.0	.3	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.6	12.8
W	.0	.0	.1	.6	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1	1.1	11.7
WNW	.0	.1	.1	1.0	.0	.3	.0	.2	.0	.3	.0	.1	.0	.0	.2	2.0	12.4
NW	.0	.1	.2	1.8	.1	1.2	.1	.9	.1	1.1	.0	.3	.0	.1	.5	5.5	15.1
NNW	.0	.2	.3	3.1	.2	2.0	.2	2.1	.2	2.2	.1	.7	.0	.1	1.0	10.4	15.7
CALM	.2	2.5													.2	2.5	
TOTAL	.5	4.8	4.4	45.5	2.1	21.9	1.5	15.0	1.0	10.2	.2	2.1	.0	.4	9.8	100	12.6

ACT WACO, TX

CLASS 4 (DAI)

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACT WACO, TX

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 13959

NO. OBS.: 459

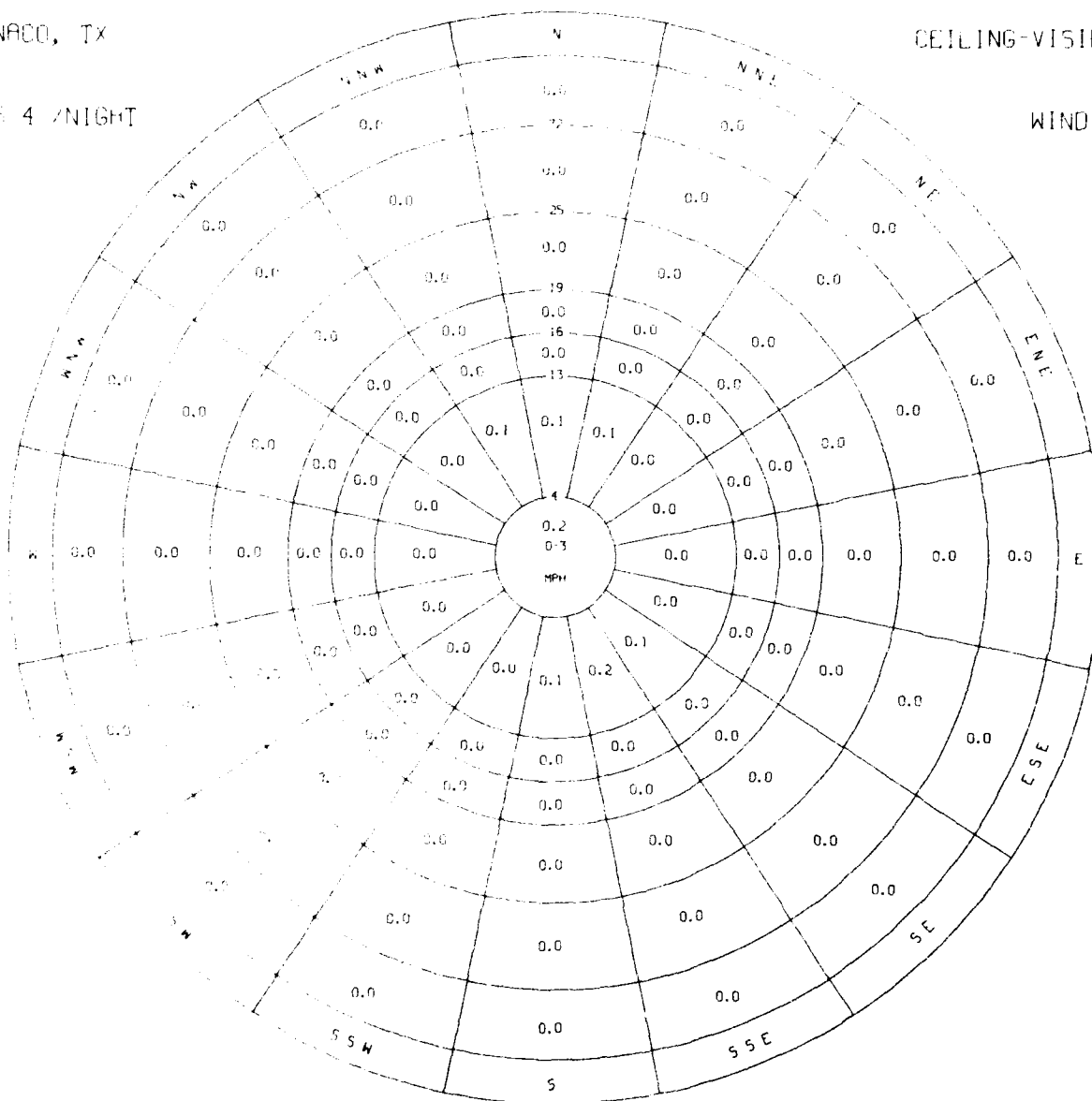
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.7	.1	6.5	.0	1.5	.0	1.7	.0	.2	.0	.2	.0	.2	.1	11.1	11.5
NNE	.0	.2	.1	5.4	.0	1.7	.0	.7	.0	.2	.0	.0	.0	.0	.1	8.3	9.9
NE	.0	.7	.1	6.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	8.2
ENE	.0	.2	.0	4.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.4
E	.0	.2	.1	5.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	7.3
ESE	.0	.0	.0	3.5	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	4.1	9.1
SE	.0	.9	.1	7.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.2	8.1
SSE	.0	.0	.1	7.6	.0	2.2	.0	.7	.0	.0	.0	.0	.0	.0	.1	10.5	10.5
S	.0	.4	.1	7.6	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.1	10.2	10.1
SSW	.0	.4	.0	3.3	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0	4.1	8.5
SW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.0
WSW	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.7	16.3
W	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0	.7	16.7
WNW	.0	.0	.0	1.1	.0	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.7	11.0
W	.0	.2	.0	2.6	.0	1.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	4.4	11.5
WNW	.0	.2	.0	3.9	.0	3.5	.0	1.3	.0	2.4	.0	.7	.0	.0	.1	12.0	14.7
W	.0	3.9													.0	3.9	
WNW	.1	2.1	.6	65.6	.2	15.7	.1	5.7	.0	3.3	.0	1.5	.0	.2	1.0	100	9.8

ACT WACO, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: APT WACO, TX

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 13959

NO. OBS.: 572

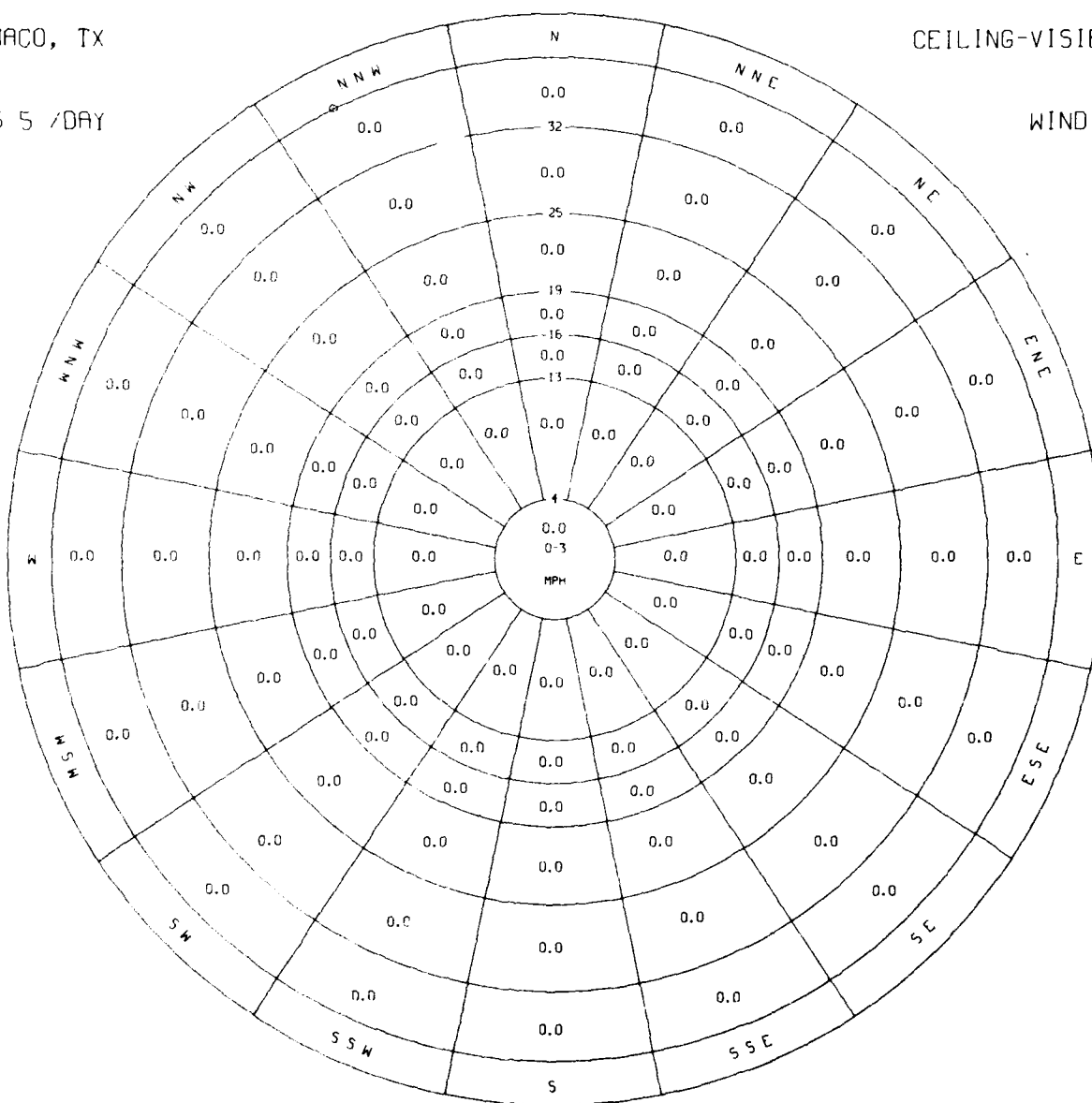
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.9	.1	8.6	.0	1.2	.0	.3	.0	.2	.0	.2	.0	.0	.2	11.4	9.3
NNF	.0	.5	.1	5.4	.0	1.6	.0	.9	.0	.0	.0	.0	.0	.0	.1	8.4	10.1
NE	.0	.7	.0	3.5	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.1	5.1	8.4
ENE	.0	.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.8
E	.0	1.2	.0	3.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	6.4
ESE	.0	.5	.0	3.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	9.1
SE	.0	.9	.1	4.0	.0	1.0	.0	.0	.0	.2	.0	.2	.0	.0	.1	6.3	9.9
SSE	.0	.3	.2	10.7	.0	1.6	.0	.9	.0	.2	.0	.0	.0	.0	.2	13.6	9.7
S	.0	.3	.1	8.6	.0	2.3	.0	.7	.0	.3	.0	.0	.0	.0	.2	12.2	10.5
SSW	.0	.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.9
SW	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.4
WSW	.0	.2	.0	1.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.6	8.7
W	.0	.0	.0	.7	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.0	11.2
WNW	.0	.0	.0	.9	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.2	11.6
NW	.0	.2	.0	3.3	.0	.7	.0	.3	.0	.2	.0	.0	.0	.0	.1	4.7	10.2
NNW	.0	.3	.1	5.4	.0	3.5	.0	.9	.0	.9	.0	.2	.0	.0	.2	11.2	11.8
CALM	.1	7.3													.1	7.3	
TOTAL	.2	14.3	.9	64.2	.2	14.0	.1	4.7	.0	2.3	.0	.5	.0	.0	1.4	100	8.9

ACT WACO, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: APT WACO, TX

PERIOD: 1949-1978

CLASS 5 / DAY

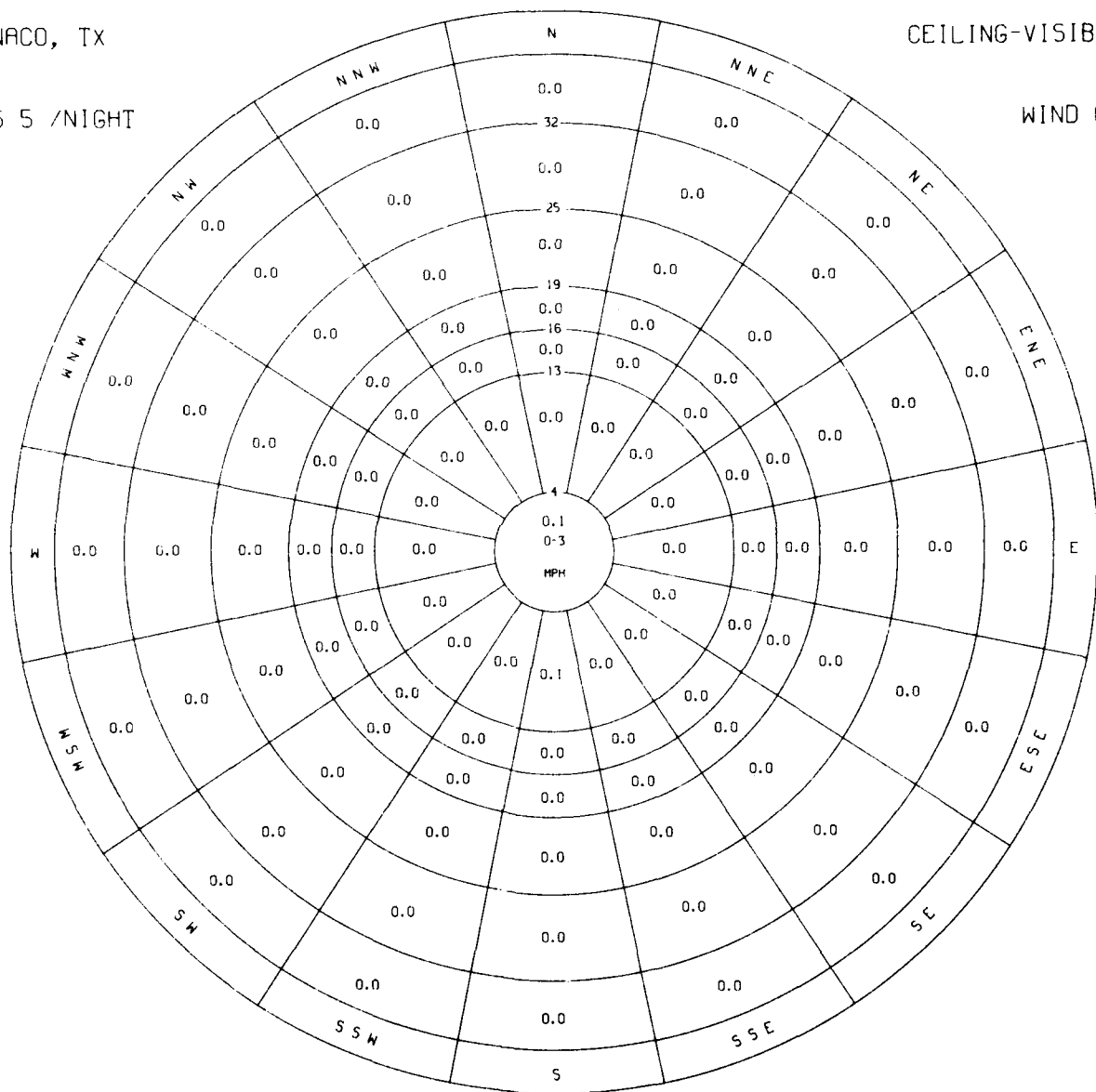
STATION NUMBER: 13959

NO. OBS.: 93

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	7.5	.0	1.1	.0	2.2	.0	.0	.0	1.1	.0	.0	.0	11.8	12.4
NNE	.0	1.1	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.6
NE	.0	.0	.0	3.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	8.3
ENE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.5
E	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.8
SSE	.0	.0	.0	10.8	.0	5.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	17.2	10.6
S	.0	1.1	.0	7.5	.0	1.1	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	11.8	11.7
SSW	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	9.0
SW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.0
WSW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.5
W	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
WNW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	2.2	17.0
NW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	2.2	24.0
NNW	.0	.0	.0	3.2	.0	1.1	.0	2.2	.0	.0	.0	1.1	.0	.0	.0	7.5	14.4
CALM	.0	15.1													.0	15.1	
TOTAL	.0	19.4	.1	59.1	.0	9.7	.0	6.5	.0	.0	.0	4.3	.0	1.1	.2	100	8.9

CLASS 5 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACT WACO, TX

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 13959

NO. OBS.: 174

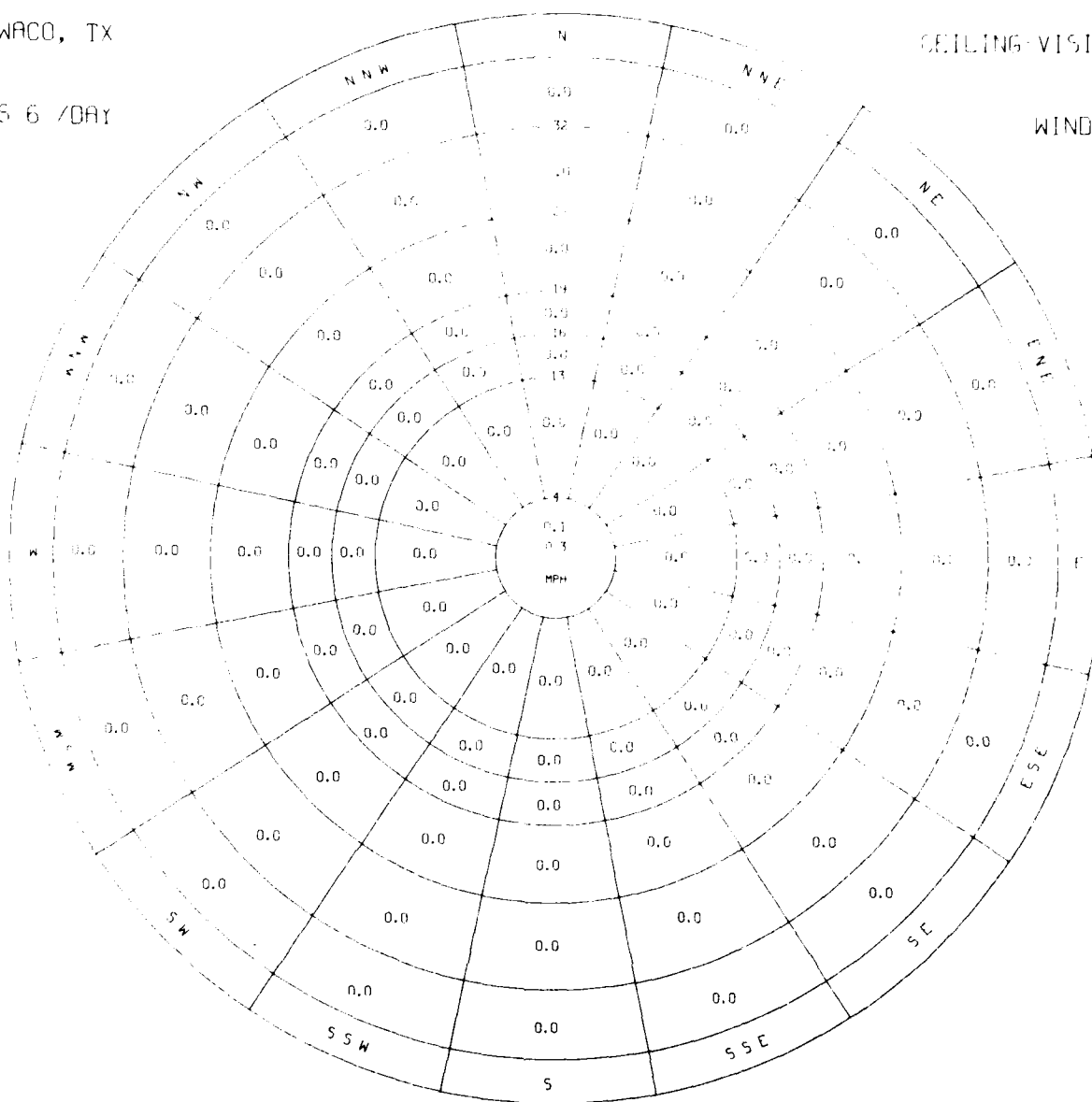
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	8.0	.0	1.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	9.8	10.2
NNE	.0	1.1	.0	2.3	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	4.6	7.2
NE	.0	.6	.0	4.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	5.7	8.4
ENE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.5
E	.0	.0	.0	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	8.0
ESE	.0	.6	.0	6.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.0
SE	.0	.0	.0	9.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	7.8
SSE	.0	.6	.0	8.0	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	10.9	9.8
S	.0	.6	.1	13.2	.0	2.3	.0	.0	.0	.6	.0	.0	.0	.0	.1	16.7	9.6
SSW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.7
SW	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	9.5
WSW	.0	.6	.0	1.7	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	2.9	7.2
W	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	10.0
WNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.0
NW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	12.0
NNW	.0	.6	.0	5.7	.0	1.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	8.0	9.1
CHLM	.0	7.5													.0	7.5	
TOTAL	.1	12.1	.3	74.1	.0	9.8	.0	3.4	.0	.6	.0	.0	.0	.0	.4	100	8.1

ACT WACO, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACT WACO, TX

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 13959

NO. OBS.: 109

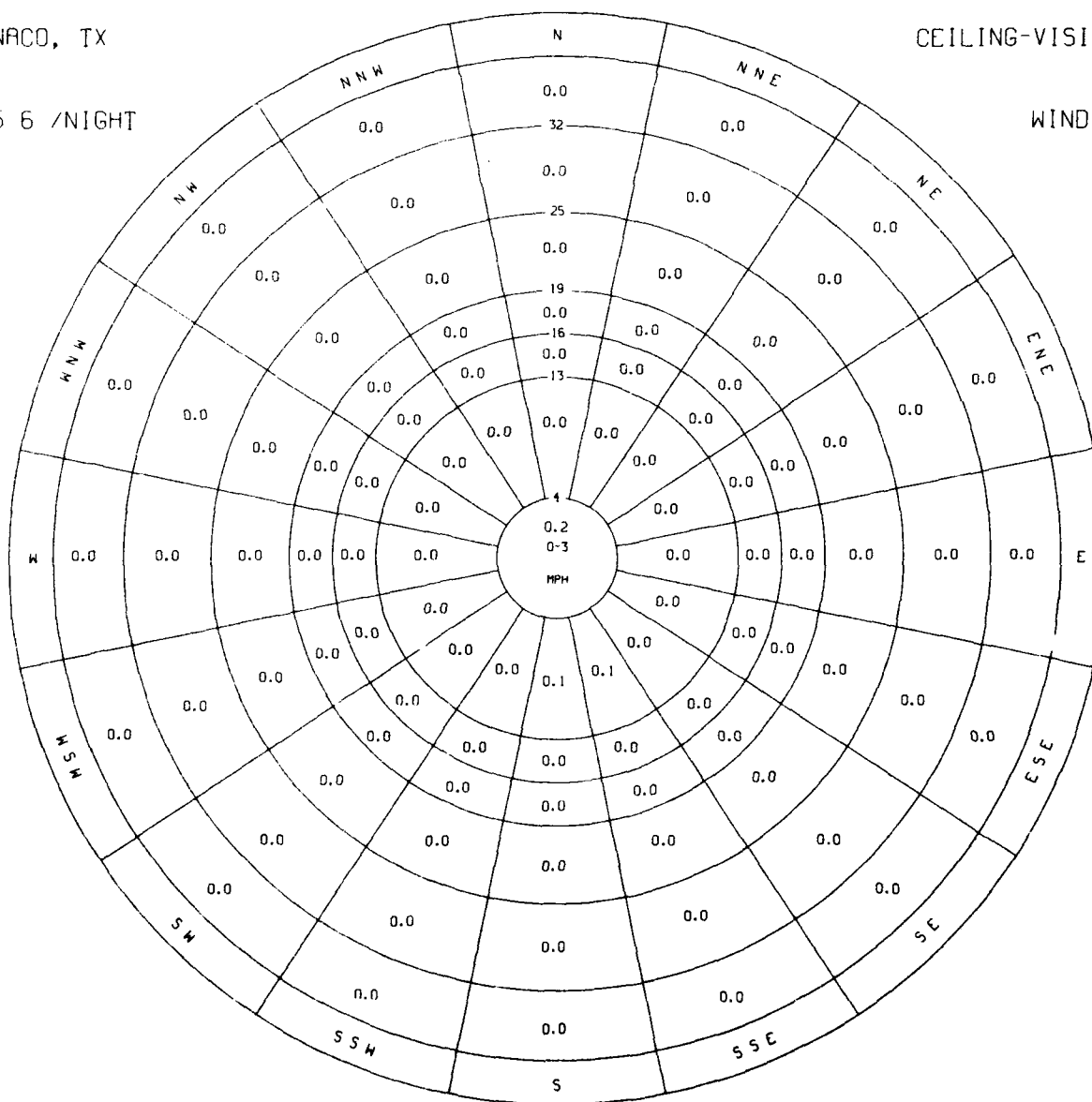
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.7
NNE	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.2
NE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.0
ENE	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.5
E	.0	2.8	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	4.5
ESE	.0	1.8	.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	6.3
SE	.0	2.8	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	5.7
SSE	.0	.0	.0	11.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	7.8
S	.0	2.8	.0	13.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.5	8.1
SSW	.0	.9	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.0
SW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.0
WSW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.0
W	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.9	28.0
NW	.0	3.7	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	5.0
NNW	.0	.9	.0	1.8	.0	.9	.0	.0	.0	.9	.0	.0	.0	.0	.0	4.6	10.6
CALM	.0	17.4													.0	17.4	
TOTAL	.1	34.9	.1	62.4	.0	.9	.0	.0	.0	.9	.0	.9	.0	.0	.2	100	5.9

ACT WACO, TX

CLASS 6 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: APT WACO, TX

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 13959

NO. OBS.: 255

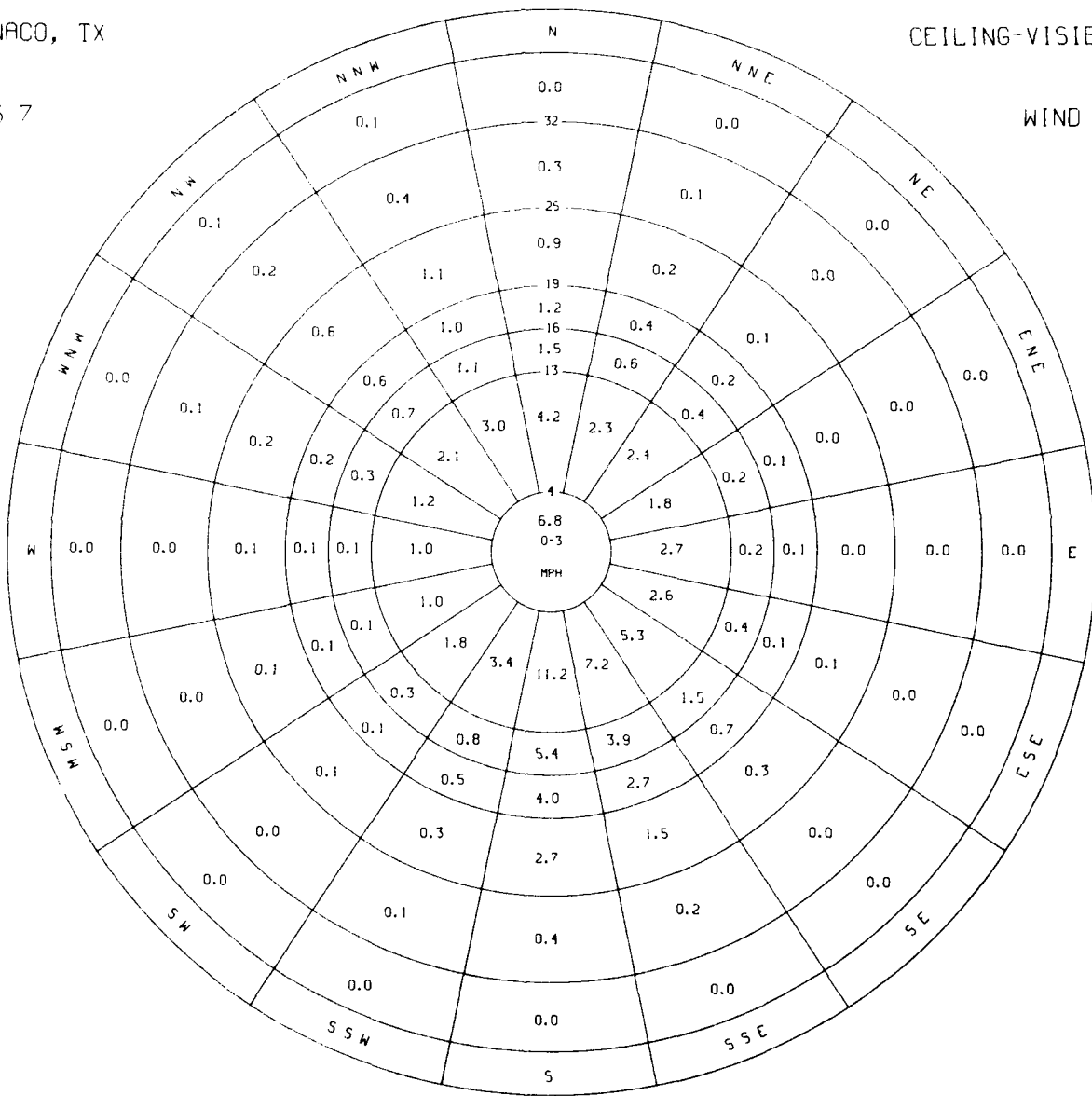
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.8	.0	5.5	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.1	8.6	9.0
NNE	.0	.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.7
NE	.0	3.1	.0	3.1	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	7.1	6.1
ENE	.0	1.2	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.5
E	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
ESE	.0	.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.1
SE	.0	2.7	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6	5.8
SSE	.0	1.2	.1	9.0	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.0	.1	12.2	9.2
S	.0	.8	.1	9.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.0	8.4
SSW	.0	.8	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.3
SW	.0	1.6	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.0
WSW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.5
W	.0	.4	.0	2.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.6
WNW	.0	.8	.0	1.2	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.4	6.5
NW	.0	.4	.0	3.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	8.1
NNW	.0	.8	.0	2.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	4.3	9.6
CALM	.1	13.3													.1	13.3	
TOTAL	.2	29.4	.4	62.4	.0	5.9	.0	1.6	.0	.4	.0	.0	.0	.4	.6	100	6.5

ACT WACO, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

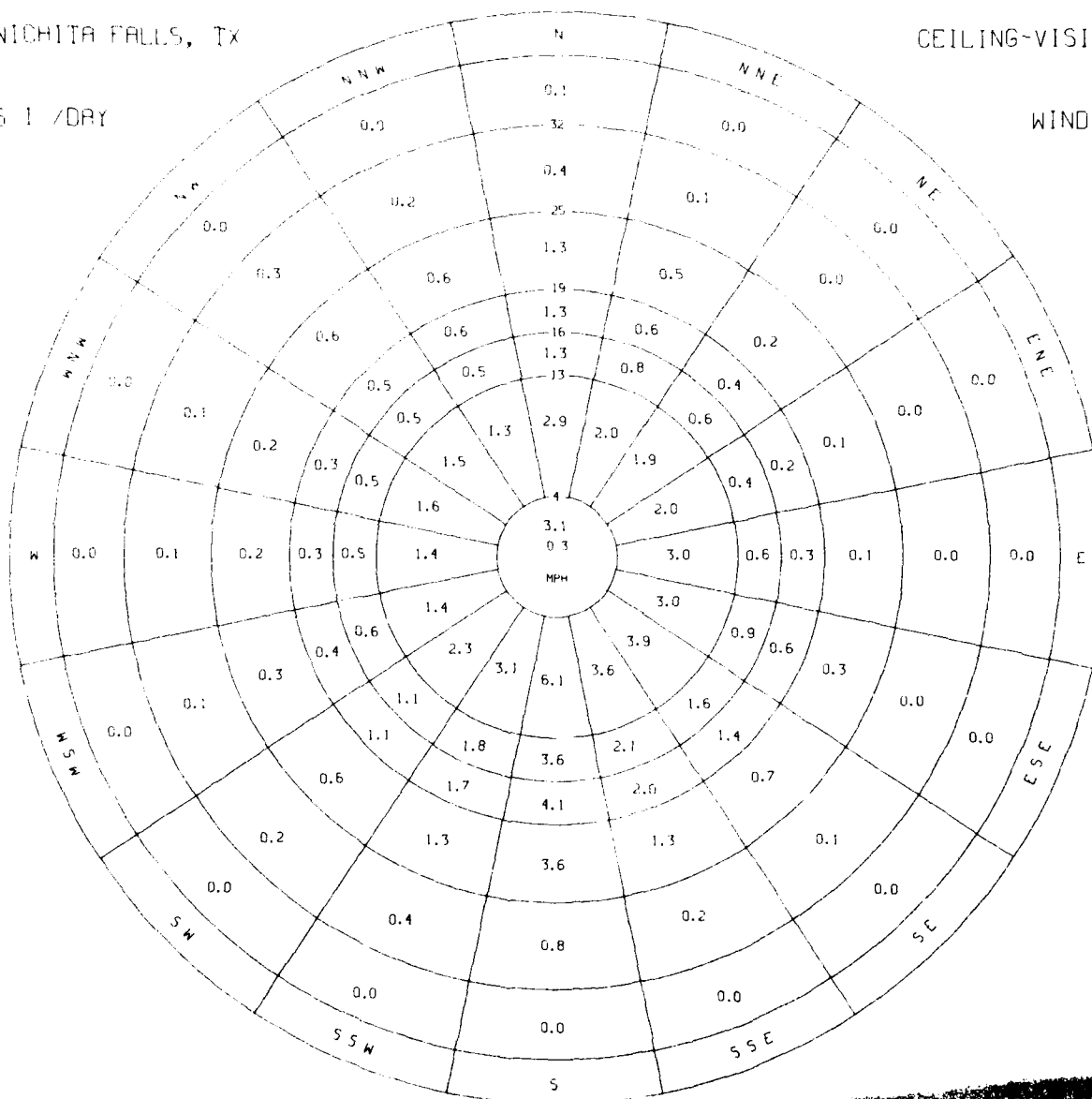


SPS WICHITA FALLS, TX

CLASS 1 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FPS WICHITA FALLS, TX

PERIOD: 1961-197

CLASS 1 / DAY

STATION NUMBER: 13966

NO. OBS.: 2656

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.2	2.9	3.1	1.3	1.4	1.3	1.4	1.3	1.4	.4	.4	.1	.1	7.4	8.0	14.3
NNE	.1	.1	2.0	2.2	.8	.9	.6	.6	.5	.6	.1	.1	.0	.0	4.1	4.4	12.8
NE	.1	.2	1.9	2.0	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	3.3	3.5	11.1
ENE	.2	.2	2.0	2.2	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.9	3.1	9.5
E	.2	.2	3.0	3.3	.6	.7	.3	.3	.1	.2	.0	.0	.0	.0	4.3	4.6	10.0
ESE	.1	.1	3.0	3.2	.9	1.0	.6	.6	.3	.3	.0	.0	.0	.0	4.9	5.3	11.1
SE	.1	.1	3.9	4.2	1.6	1.8	1.4	1.5	.7	.8	.1	.2	.0	.0	7.9	8.5	12.7
SSE	.1	.1	3.6	3.9	2.1	2.2	2.0	2.2	1.3	1.4	2	.3	.0	.0	9.4	10.1	14.0
S	.1	.1	6.1	6.5	3.6	3.9	4.1	4.4	3.6	3.8	.8	.8	.0	.0	18.4	19.8	15.1
SSW	.1	.1	3.1	3.3	1.8	2.0	1.7	1.8	1.3	1.4	.4	.4	.0	.0	8.4	9.0	14.5
SW	.1	.1	2.3	2.5	1.1	1.2	1.1	1.1	.6	.7	.2	.2	.0	.0	5.5	5.9	13.5
WSW	.1	.1	1.4	1.5	.6	.7	.4	.4	.3	.3	.1	.1	.0	.0	2.9	3.1	12.7
W	.1	.1	1.4	1.5	.5	.5	.3	.3	.2	.2	.1	.1	.0	.0	2.6	2.8	12.5
WNW	.1	.2	1.6	1.7	.5	.5	.3	.3	.2	.3	.1	.2	.0	.0	3.0	3.2	12.1
NW	.1	.1	1.5	1.6	.5	.6	.5	.6	.6	.6	.3	.3	.0	.1	3.6	3.9	14.3
NNW	.1	.1	1.3	1.4	.5	.6	.6	.6	.6	.6	.2	.2	.0	.0	3.3	3.6	14.3
CALM	1.3	1.4													1.3	1.4	
TOTAL	3.1	3.3	41.3	44.3	17.7	19.0	15.7	16.9	12.0	12.8	3.1	3.3	.4	.4	93.2	101	13.2

AD-A108 165

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC (U)

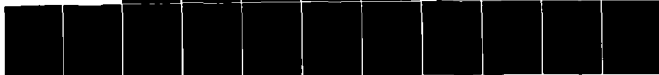
JUN 81

DOT-FA79WAI-057

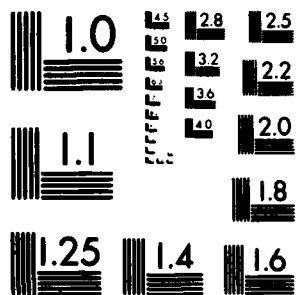
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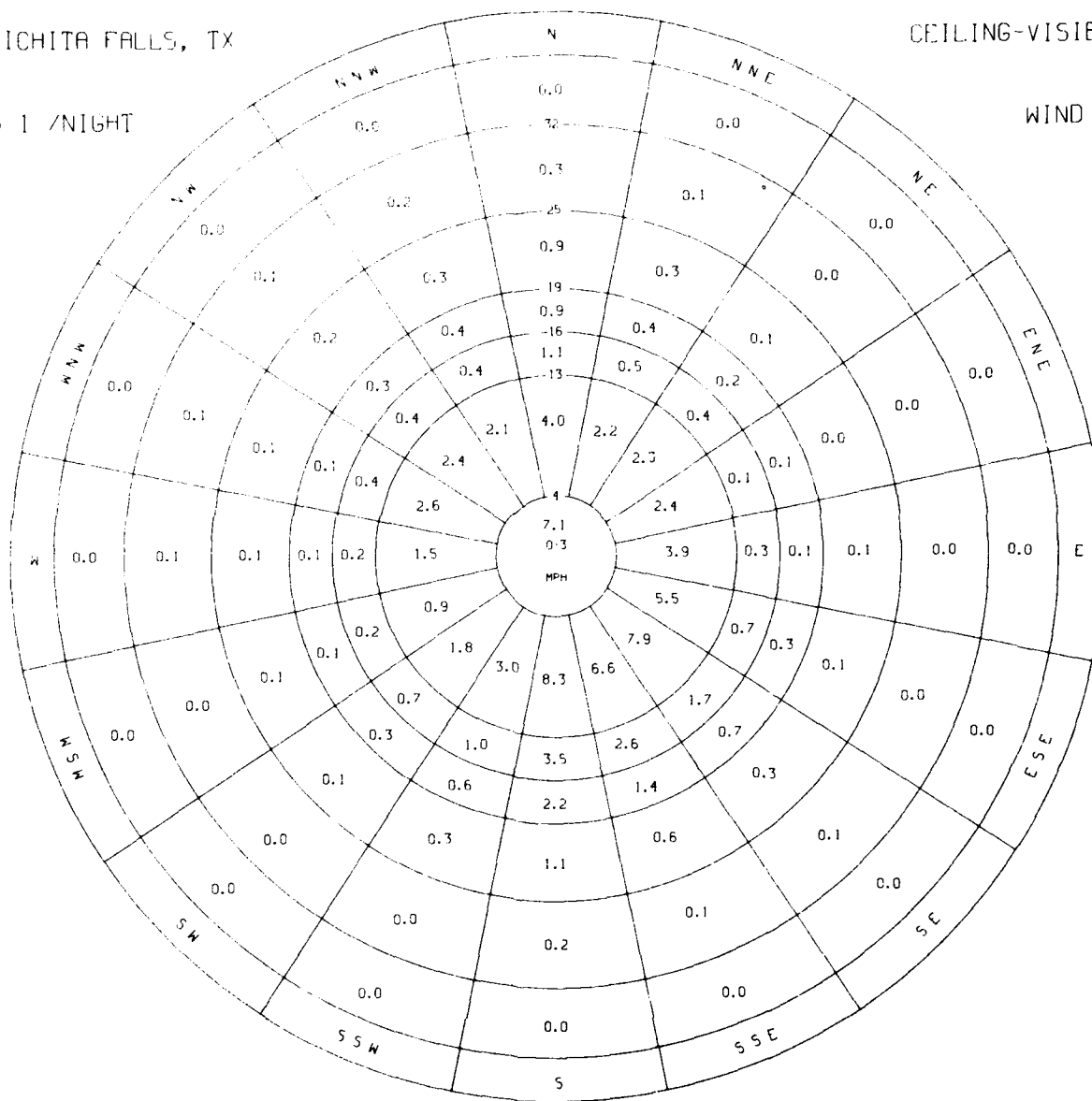
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A.

SPS WICHITA FALLS, TX

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SPS WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 1 / NIGHT

STATION NUMBER: 13966

NO. OBS.: 22401

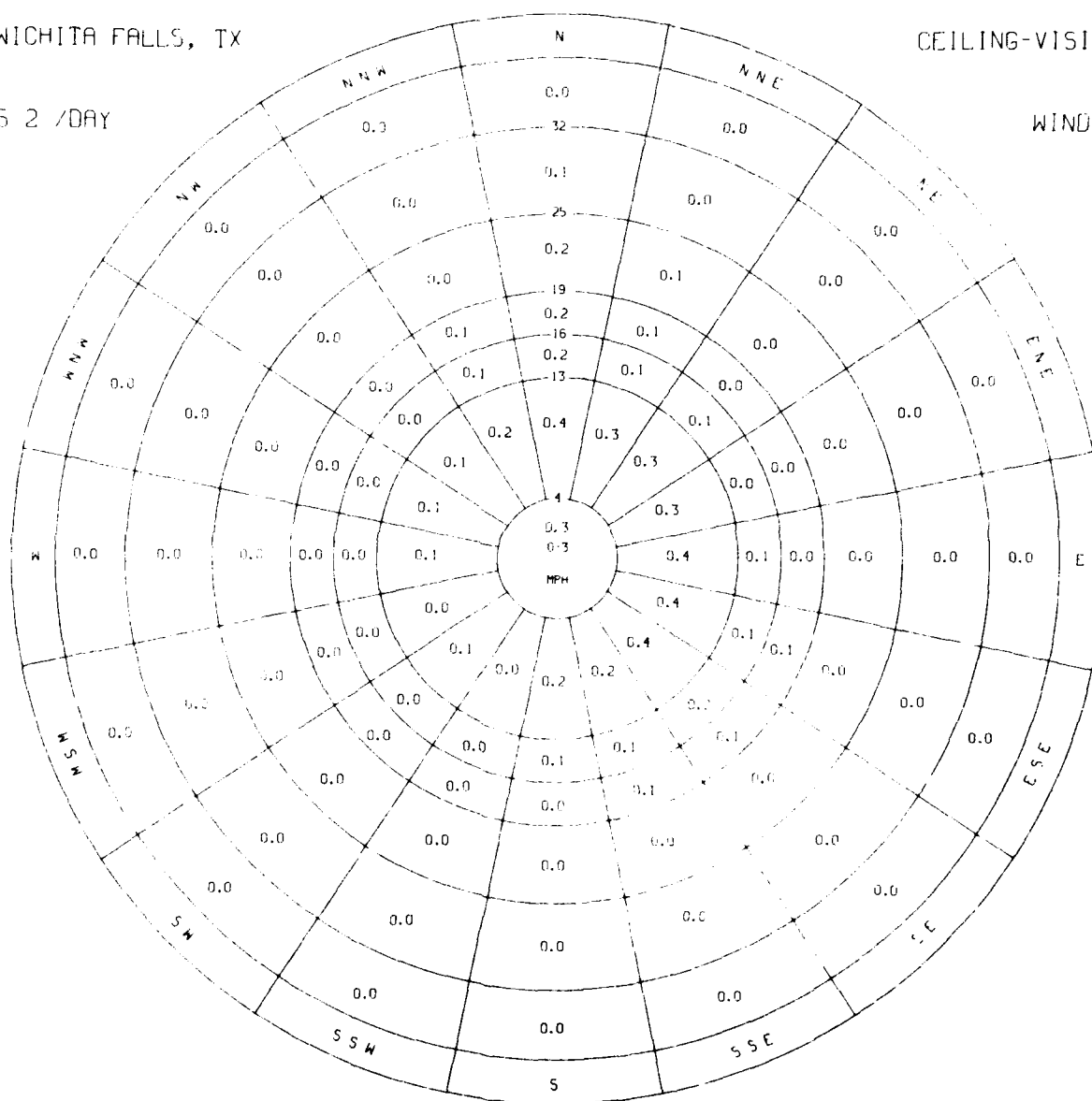
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.3	.3	4.0	4.3	1.1	1.2	.9	1.0	.9	.9	.3	.3	.0	.0	7.5	8.1	12.3
NNE	.3	.3	2.2	2.4	.5	.6	.4	.4	.3	.3	.1	.1	.0	.0	3.8	4.1	11.1
NE	.3	.4	2.3	2.5	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.3	3.6	8.7
ENE	.3	.4	2.4	2.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.9	3.1	7.1
E	.5	.6	3.9	4.2	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	4.9	5.3	7.9
ESE	.3	.3	5.5	5.9	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	6.9	7.4	9.0
SE	.2	.3	7.3	8.5	1.7	1.8	.7	.8	.3	.3	.1	.1	.0	.0	10.9	11.7	10.2
SSE	.2	.2	6.6	7.1	2.6	2.8	1.4	1.5	.6	.6	.1	.1	.0	.0	11.4	12.3	11.8
S	.2	.2	8.3	9.0	3.5	3.8	2.2	2.4	1.1	1.2	.2	.2	.0	.0	15.6	16.8	12.2
SSW	.1	.2	3.0	3.2	1.0	1.1	.6	.6	.3	.3	.0	.0	.0	.0	5.1	5.5	11.4
SW	.1	.1	1.8	1.9	.7	.7	.3	.3	.1	.1	.0	.0	.0	.0	2.9	3.1	10.8
WSW	.1	.1	.9	1.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.5	1.6	10.3
W	.1	.1	1.5	1.6	.2	.2	.1	.2	.1	.1	.1	.1	.0	.0	2.1	2.3	10.3
WNW	.1	.2	2.6	2.8	.4	.4	.1	.2	.1	.1	.1	.1	.0	.0	3.5	3.8	10.0
NW	.2	.2	2.4	2.5	.4	.4	.3	.3	.2	.2	.1	.1	.0	.0	3.6	3.9	10.6
NNW	.2	.2	2.1	2.3	.4	.4	.4	.4	.3	.3	.2	.2	.0	.0	3.6	3.8	11.7
CALM	3.4	3.7													3.4	3.7	
TOTAL	7.7	7.6	57.4	61.8	14.2	15.3	8.2	8.8	4.6	4.9	1.2	1.3	.2	.2	93.0	100	10.4

SPS WICHITA FALLS, TX

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 2 / DAY

STATION NUMBER: 13966

NO. OBS.: 1930

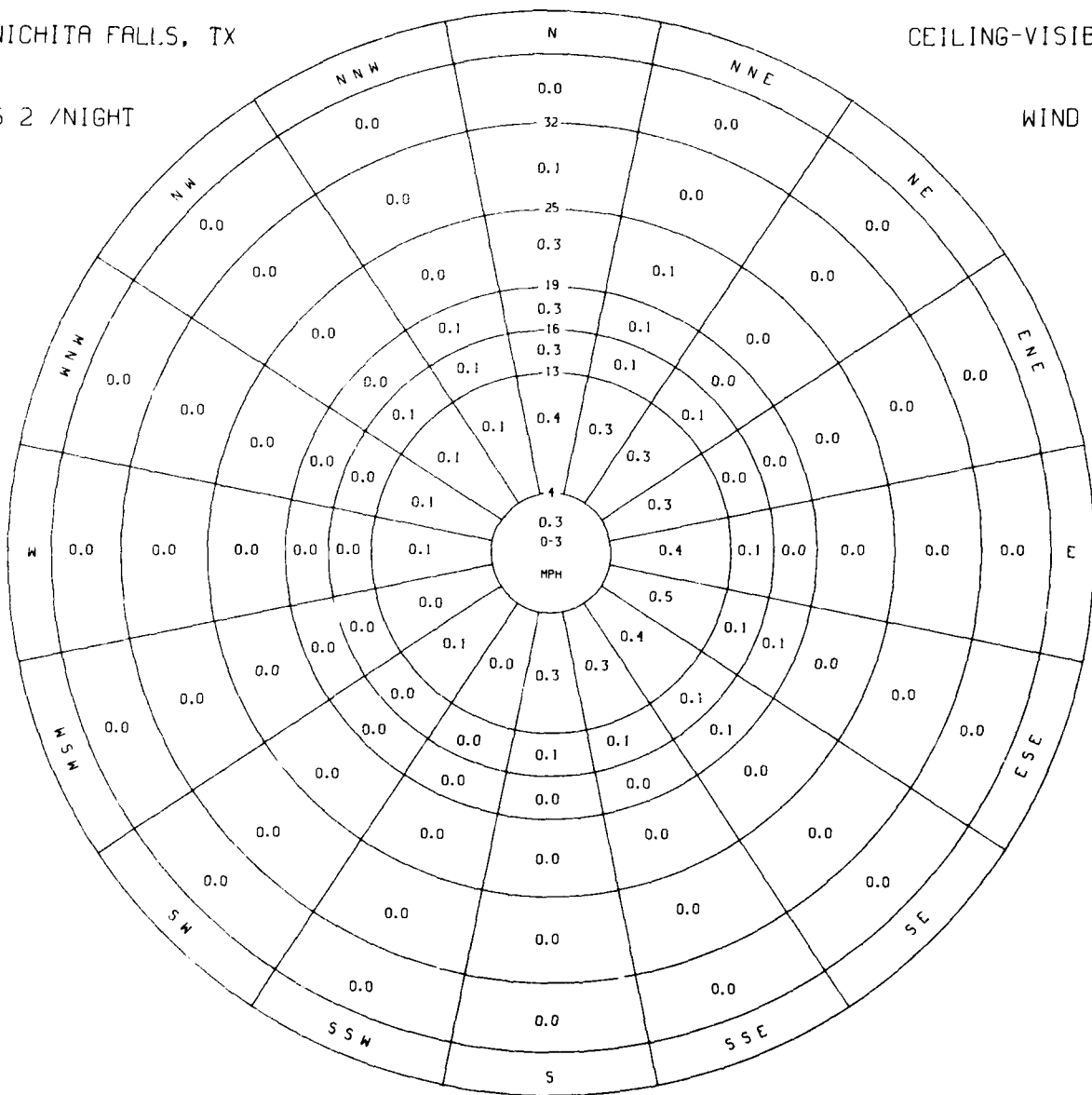
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.4	6.6	.2	3.2	.2	3.3	.2	2.8	.1	1.1	.0	.3	1.2	17.6	15.0
NNE	.0	.2	.3	4.4	.1	1.6	.1	1.6	.1	.9	.0	.3	.0	.0	.6	8.9	13.0
NNE	.0	.2	.3	4.8	.1	1.3	.0	.5	.0	.5	.0	.1	.0	.0	.5	7.4	11.1
ENE	.0	.3	.3	4.0	.0	.7	.0	.3	.0	.2	.0	.0	.0	.0	.4	5.5	9.5
E	.0	.2	.4	6.4	.1	1.0	.0	.6	.0	.3	.0	.1	.0	.1	.6	8.4	10.1
ESE	.0	.2	.4	6.2	.1	1.5	.1	1.2	.0	.5	.0	.1	.0	.0	.6	9.6	11.2
SE	.0	.1	.4	5.2	.2	2.2	.1	1.6	.0	.5	.0	.0	.0	.0	.6	9.6	11.9
ESE	.0	.2	.2	2.8	.1	1.9	.1	1.0	.0	.7	.0	.2	.0	.0	.5	6.7	13.1
S	.0	.1	.2	3.5	.1	1.5	.0	.7	.0	.4	.0	.1	.0	.1	.4	6.3	12.4
SSW	.0	.1	.0	.7	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1	1.4	11.9
SW	.0	.1	.1	1.1	.0	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1	1.5	10.7
WSW	.0	.0	.0	.5	.0	.3	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.0	14.3
W	.0	.0	.1	1.2	.0	.1	.0	.2	.0	.2	.0	.1	.0	.1	.1	1.8	13.3
WNW	.0	.2	.1	1.3	.0	.3	.0	.4	.0	.1	.0	.1	.0	.1	.2	2.5	12.0
NW	.0	.0	.1	1.9	.0	.7	.0	.4	.0	.5	.0	.1	.0	.3	.3	3.8	14.3
NNW	.0	.2	.2	2.3	.1	1.0	.1	1.0	.0	.6	.0	.5	.0	.1	.4	5.7	14.3
CALM	.2	2.4													.2	2.4	
TOTAL	.3	4.5	3.6	52.9	1.2	17.6	.9	13.1	.6	8.3	.2	2.6	.1	1.0	6.8	100	12.2

SPS WICHITA FALLS, TX

CLASS 2 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SPS WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 2 / NIGHT

STATION NUMBER: 13966

NO. OBS.: 1696

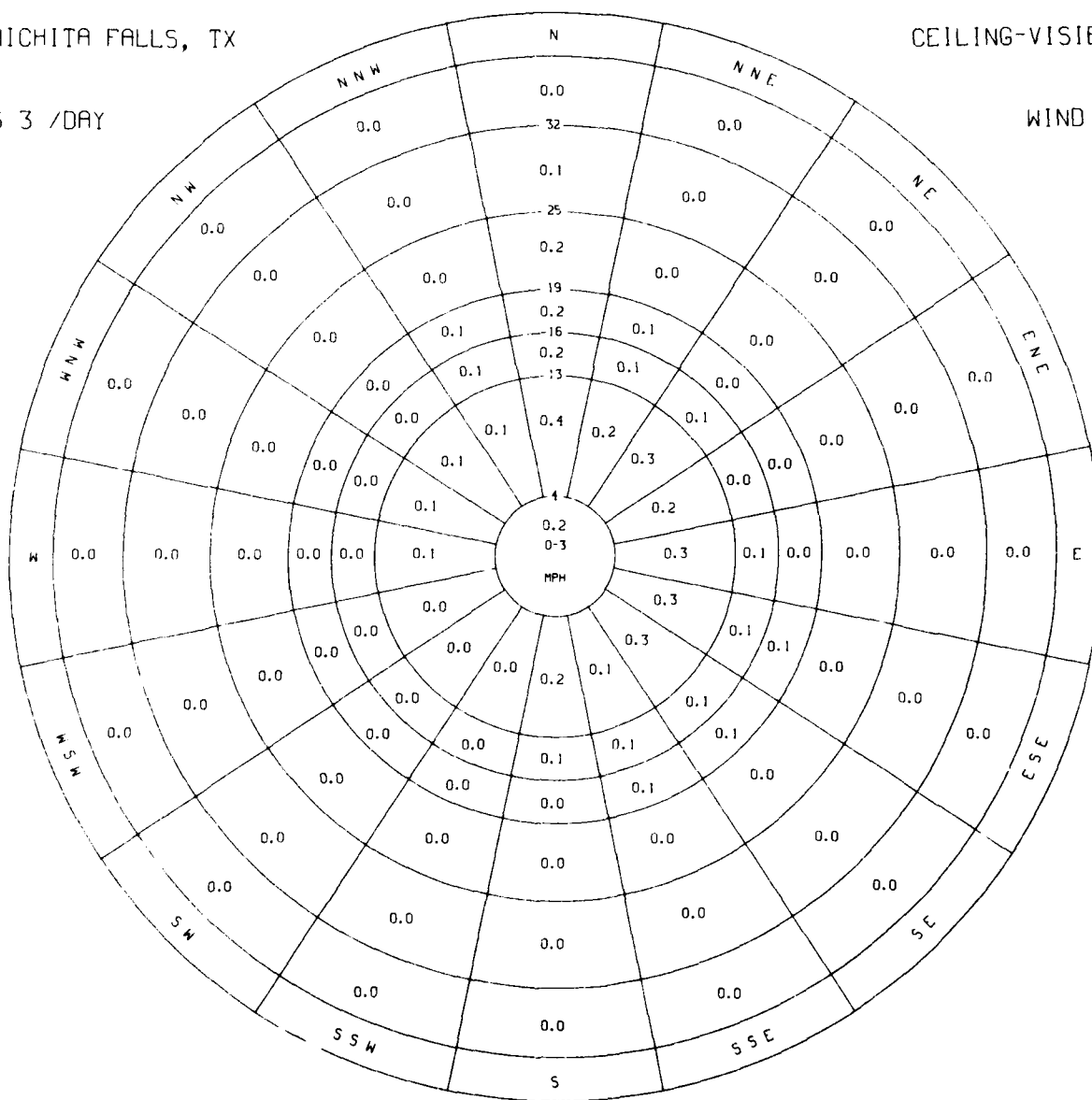
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.4	6.3	.3	4.1	.3	3.8	.3	3.7	.1	.8	.0	.4	1.4	19.3	15.1
NNE	.0	.1	.3	4.5	.1	2.1	.1	2.0	.1	1.5	.0	.2	.0	.1	.7	10.6	13.7
NE	.0	.2	.3	4.0	.1	1.4	.0	.6	.0	.1	.0	.1	.0	.0	.5	6.4	10.6
ENE	.0	.3	.3	4.4	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.4	5.4	8.5
E	.0	.5	.4	5.7	.1	.9	.0	.5	.0	.2	.0	.0	.0	.0	.5	7.7	9.4
ESE	.0	.3	.5	6.8	.1	1.1	.1	.9	.0	.3	.0	.1	.0	.0	.7	9.5	10.2
SE	.0	.1	.4	5.6	.1	1.8	.1	1.4	.0	.3	.0	.1	.0	.0	.6	9.2	11.4
SSE	.0	.0	.3	4.0	.1	.9	.0	.5	.0	.2	.0	.0	.0	.0	.4	5.5	10.9
S	.0	.3	.3	4.5	.1	.9	.0	.7	.0	.2	.0	.0	.0	.0	.5	6.6	10.1
SSW	.0	.1	.0	.7	.0	.2	.0	.1	.0	.2	.0	.0	.0	.0	.1	1.3	10.7
SW	.0	.0	.1	1.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.5	9.6
WSW	.0	.1	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.7	10.3
W	.0	.0	.1	1.3	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.1	1.8	10.8
WW	.0	.1	.1	1.8	.0	.5	.0	.4	.0	.3	.0	.1	.0	.0	.2	3.1	12.1
NW	.0	.1	.1	1.8	.1	.9	.0	.5	.0	.4	.0	.2	.0	.0	.3	4.0	13.3
NNW	.0	.4	.1	1.9	.1	1.1	.1	1.2	.0	.4	.0	.3	.0	.0	.4	5.4	13.0
CALM	.1	1.9													.1	1.9	
TOTAL	.3	4.7	3.9	55.1	1.2	16.7	.9	12.9	.6	8.3	.1	1.9	.0	.4	7.0	100	11.7

SPS WICHITA FALLS, TX

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SPS WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 3 / DAY

STATION NUMBER: 13966

NO. OBS.: 1576

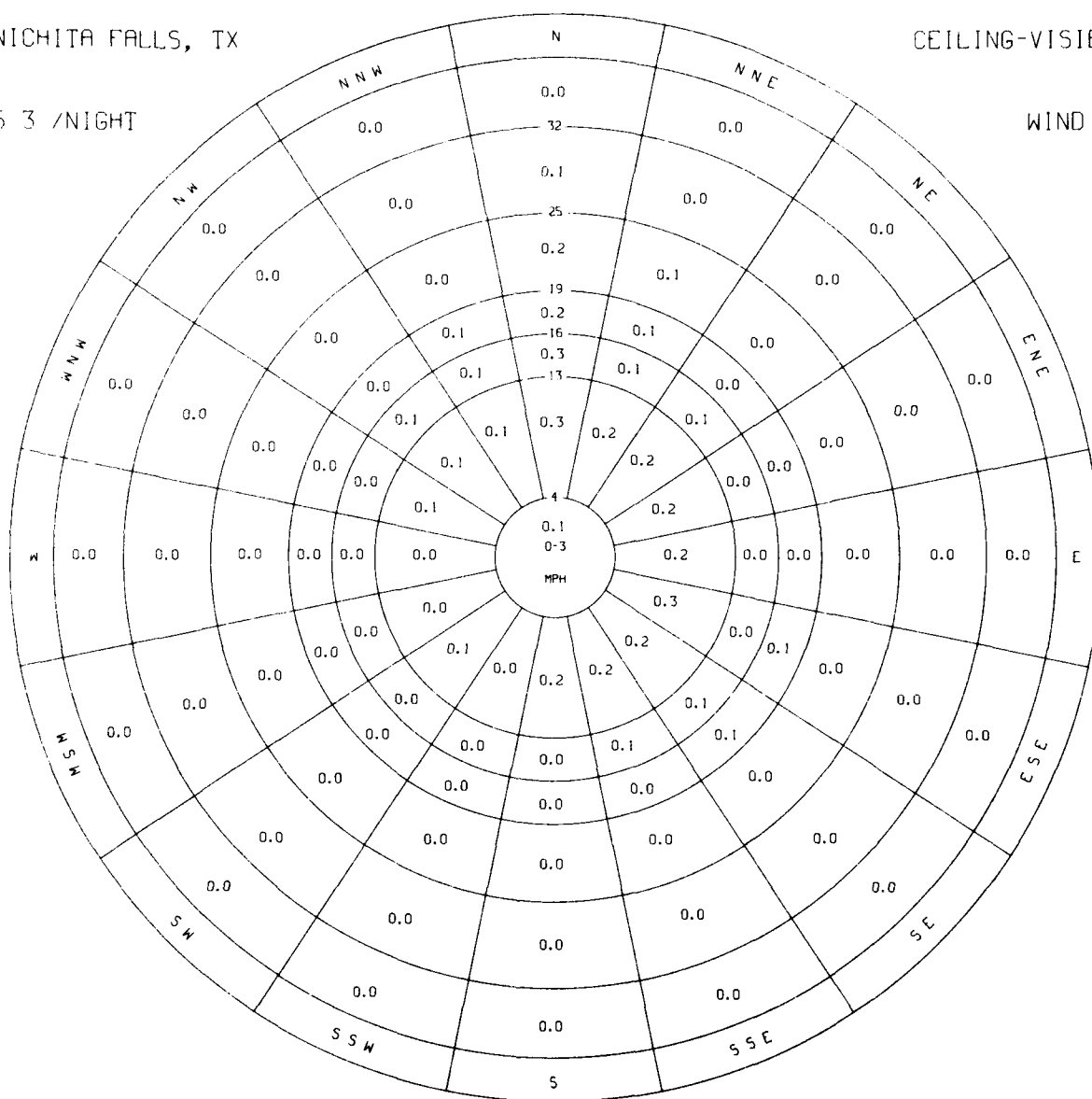
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.4	6.9	.2	3.6	.2	3.7	.2	2.9	.1	1.2	.0	.3	1.0	18.7	14.9
NNE	.0	.3	.2	4.4	.1	1.8	.1	1.5	.0	.8	.0	.3	.0	.0	.5	9.1	13.0
NE	.0	.3	.3	4.8	.1	1.3	.0	.5	.0	.6	.0	.1	.0	.0	.4	7.5	11.2
ENE	.0	.2	.2	3.4	.0	.6	.0	.4	.0	.2	.0	.0	.0	.0	.3	4.8	10.2
E	.0	.1	.3	6.1	.1	1.0	.0	.5	.0	.1	.0	.1	.0	.1	.4	7.9	10.1
ESE	.0	.2	.3	5.6	.1	1.2	.1	1.3	.0	.5	.0	.1	.0	.0	.5	8.9	11.5
SE	.0	.1	.3	4.9	.1	2.3	.1	1.4	.0	.5	.0	.0	.0	.0	.5	9.1	12.1
SSE	.0	.2	.1	2.5	.1	2.1	.1	1.1	.0	.8	.0	.2	.0	.0	.4	7.0	13.6
S	.0	.1	.2	3.6	.1	1.6	.0	.9	.0	.5	.0	.1	.0	.1	.4	6.8	12.8
SSW	.0	.1	.0	.5	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.1	1.3	12.6
SW	.0	.1	.0	.9	.0	.2	.0	.0	.0	.1	.0	.0	.0	.1	.1	1.3	11.6
WSW	.0	.0	.0	.5	.0	.3	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.1	14.0
W	.0	.0	.1	1.0	.0	.0	.0	.1	.0	.3	.0	.1	.0	.0	.1	1.5	13.6
WNW	.0	.2	.1	1.2	.0	.3	.0	.5	.0	.1	.0	.1	.0	.1	.1	2.6	12.7
NW	.0	.0	.1	2.0	.0	.8	.0	.4	.0	.6	.0	.1	.0	.3	.2	4.2	14.9
NNW	.0	.1	.1	2.6	.1	1.2	.1	1.2	.0	.8	.0	.4	.0	.0	.3	6.3	14.2
CALM	.1	1.8													.1	1.8	
TOTAL	.2	3.7	2.8	50.8	1.0	18.7	.8	14.0	.5	8.9	.2	2.9	.1	1.0	5.5	100	12.6

SPS WICHITA FALLS, TX

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SPS WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 3 / NIGHT

STATION NUMBER: 13966

NO. OBS.: 1195

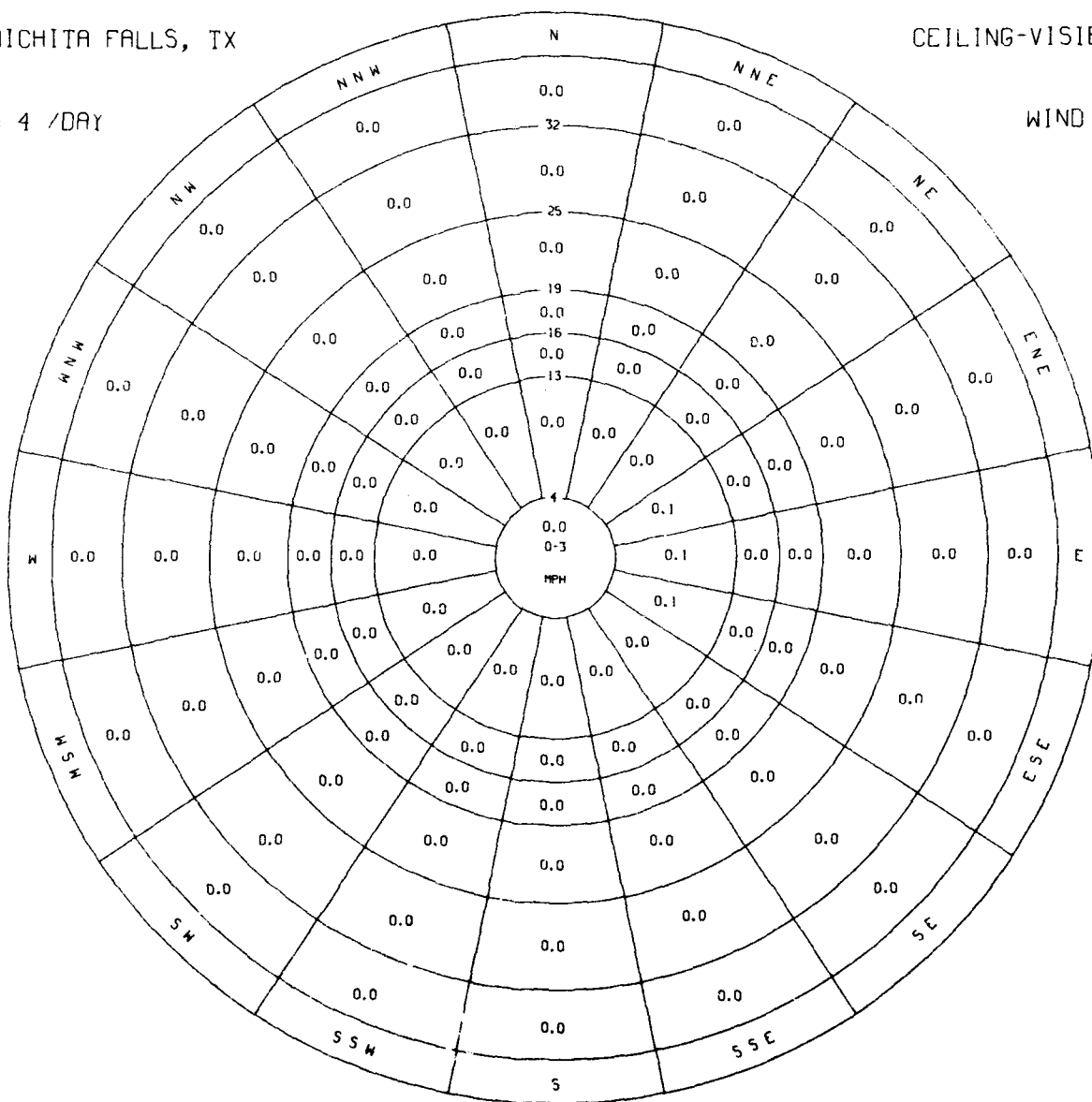
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.3	6.6	.3	5.3	.2	4.9	.2	4.9	.1	1.2	.0	.4	1.2	23.4	15.7
NNE	.0	.1	.2	4.4	.1	2.9	.1	2.5	.1	2.0	.0	.3	.0	.1	.6	12.2	14.5
NE	.0	.2	.2	3.3	.1	1.7	.0	.8	.0	.2	.0	.1	.0	.0	.3	6.2	11.5
ENE	.0	.3	.2	3.4	.0	.7	.0	.2	.0	.1	.0	.0	.0	.0	.2	4.6	9.1
E	.0	.2	.2	4.9	.0	1.0	.0	.4	.0	.3	.0	.0	.0	.0	.3	6.7	10.0
ESE	.0	.2	.3	5.9	.0	.9	.1	1.1	.0	.3	.0	.1	.0	.0	.4	8.5	10.5
SE	.0	.1	.2	4.4	.1	1.6	.1	1.2	.0	.4	.0	.1	.0	.0	.4	7.7	12.1
SSE	.0	.0	.2	3.7	.1	1.1	.0	.5	.0	.3	.0	.0	.0	.0	.3	5.5	11.2
S	.0	.1	.2	4.3	.0	1.0	.0	.9	.0	.2	.0	.0	.0	.0	.3	6.4	10.7
SSW	.0	.2	.0	.9	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.1	1.6	10.2
SW	.0	.0	.1	1.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.4	10.7
WSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.5	14.3
W	.0	.0	.0	.8	.0	.2	.0	.1	.0	.2	.0	.0	.0	.0	.1	1.2	11.6
WNW	.0	.1	.1	1.3	.0	.4	.0	.4	.0	.3	.0	.1	.0	.0	.1	2.7	12.6
NW	.0	.0	.1	1.6	.1	1.3	.0	.8	.0	.5	.0	.3	.0	.0	.2	4.4	14.5
NNW	.0	.2	.1	1.4	.1	1.4	.1	1.7	.0	.6	.0	.4	.0	.0	.3	5.7	15.0
CALM	.1	1.3													.1	1.3	
TOTAL	.1	2.8	2.4	48.1	1.0	19.7	.8	15.7	.5	10.6	.1	2.5	.0	.5	5.0	100	12.7

SPS WICHITA FALLS, TX

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FT. WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 4 / DAY

STATION NUMBER: 1400

NO. OBS.: 217

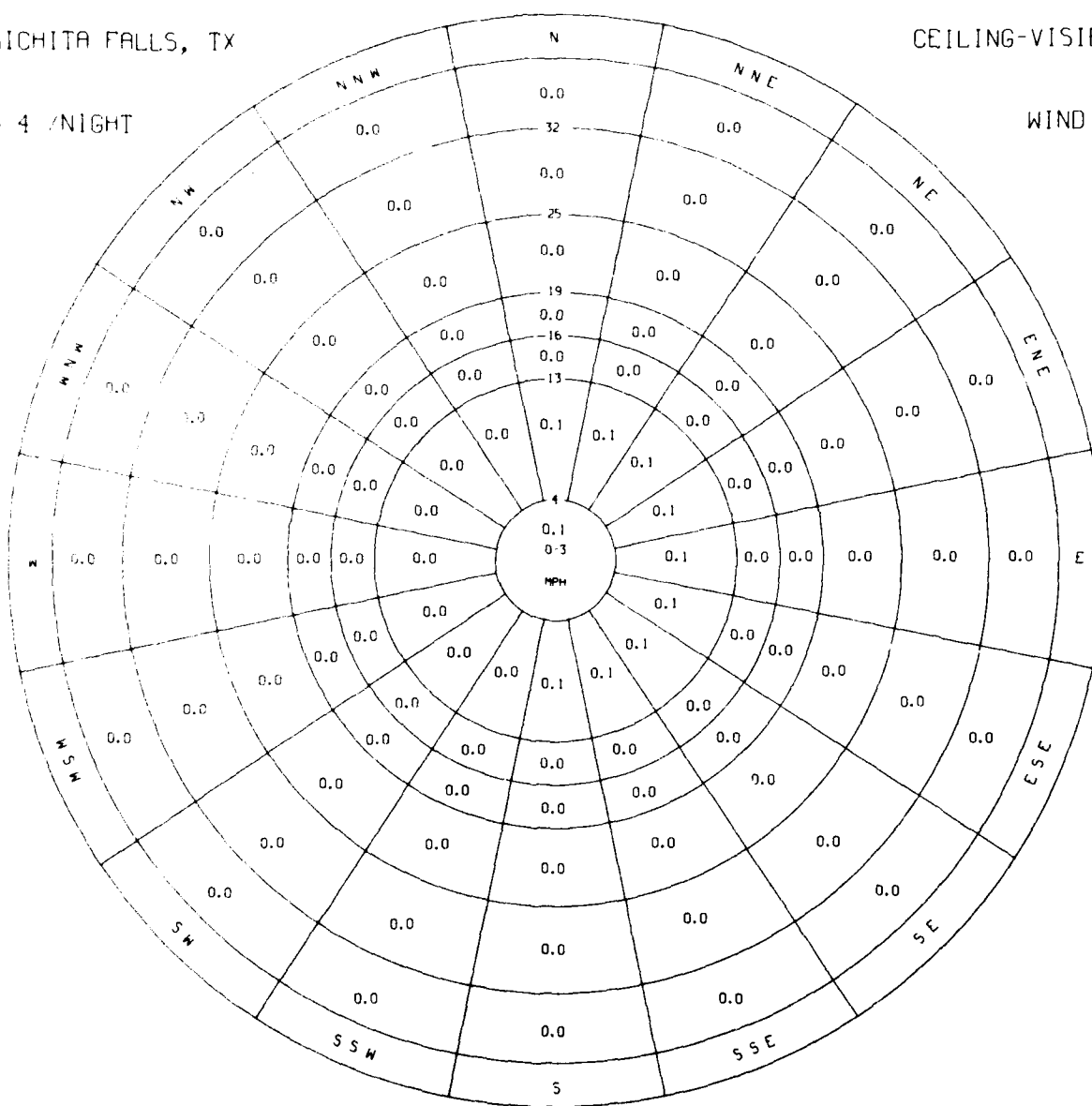
D IR E C T I O N	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				
N	.0	.5	.0	5.5	.0	1.4	.0	2.3	.0	2.8	.0	.9	.0	.0	.1	13.4	14.7	
NNE	.0	.0	.0	4.6	.0	1.4	.0	1.8	.0	1.4	.0	.0	.0	.0	.1	9.2	13.3	
N E	.0	.0	.0	5.1	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.1	7.8	11.0	
ENE	.0	.5	.1	7.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.2	8.5	
E	.0	.5	.1	9.7	.0	.9	.0	.9	.0	1.8	.0	.0	.0	.0	.1	13.8	10.8	
ESE	.0	.5	.1	8.3	.0	.9	.0	.9	.0	.5	.0	.0	.0	.0	.1	11.1	10.2	
SE	.0	.0	.0	6.5	.0	2.3	.0	2.3	.0	.5	.0	.0	.0	.0	.1	11.5	11.7	
SSE	.0	.0	.0	4.6	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	5.5	10.4	
S	.0	.0	.0	2.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.3	
SSW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	9.6	
SW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.5	25.0	
W	.0	.0	.0	.9	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.8	12.5	
WNW	.0	.0	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.8	
NW	.0	.0	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	9.3	
NNW	.0	.5	.0	.9	.0	.5	.0	.5	.0	.0	.0	.5	.0	.5	.0	3.2	16.0	
CALM	.0	3.7													.0	3.7		
TOTAL	.0	6.0	.5	61.3	.1	12.9	.1	10.6	.1	6.9	.0	1.8	.0	.5	.8	100	11.1	

SPS WICHITA FALLS, TX

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SPS WICHITA FALLS, TX

PERIOD: 1961-1975

CLASS 4 / NIGHT

STATION NUMBER: 13966

NO. OBS.: 275

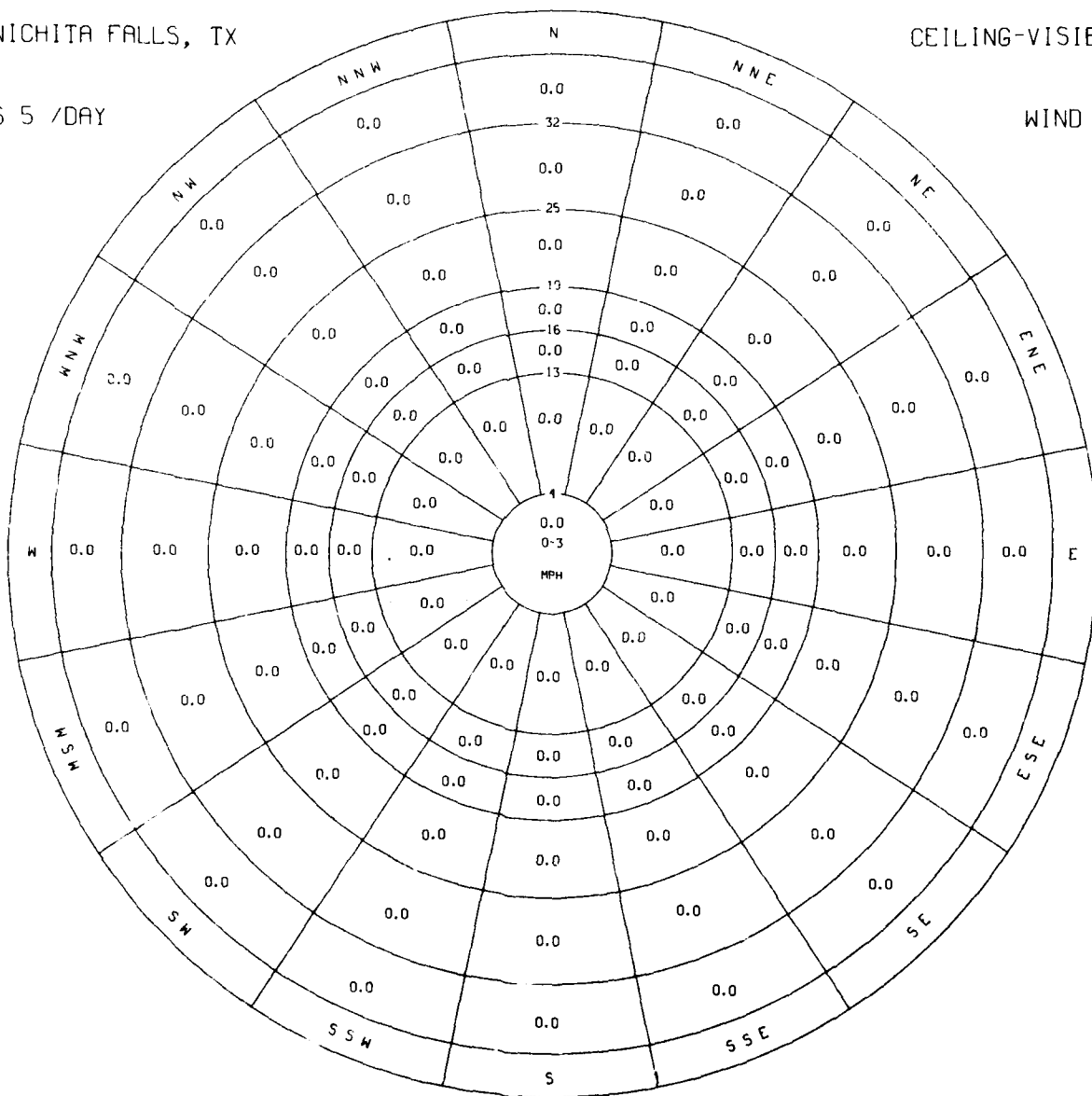
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.1	7.3	.0	2.5	.0	1.5	.0	1.1	.0	.0	.0	.4	.1	12.7	12.4
NNE	.0	.0	.1	5.8	.0	.4	.0	1.5	.0	.4	.0	.0	.0	.0	.1	8.0	10.8
NE	.0	.7	.1	5.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.5	8.8
ENE	.0	.4	.1	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	7.6
E	.0	.4	.1	7.3	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.1	9.5	9.5
ESE	.0	.4	.1	8.7	.0	1.1	.0	.7	.0	.0	.0	.4	.0	.0	.1	11.3	10.6
SE	.0	.4	.1	7.3	.0	2.5	.0	1.5	.0	.0	.0	.0	.0	.0	.1	11.6	10.9
SSE	.0	.0	.1	5.1	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.1	6.5	10.6
S	.0	.7	.1	5.5	.0	1.1	.0	.0	.0	.4	.0	.0	.0	.0	.1	7.6	9.7
SSW	.0	.0	.0	.0	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.7	17.5
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.5
WSW	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.3
W	.0	.0	.0	3.6	.0	.4	.0	.7	.0	.4	.0	.0	.0	.0	.1	5.1	10.7
WNW	.0	.0	.0	1.1	.0	1.1	.0	.4	.0	.4	.0	.0	.0	.0	.0	2.9	13.5
NW	.0	.0	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	10.0
NNW	.0	.7	.0	3.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.7
CALM	.0	2.9													.0	2.9	
TOTAL	.1	6.9	.8	69.1	.1	12.4	.1	8.0	.0	2.9	.0	.4	.0	.4	1.1	100	10.0

SPS WICHITA FALLS, TX

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SPS WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 5 / DAY

STATION NUMBER: 13966

NO. OBS.: 68

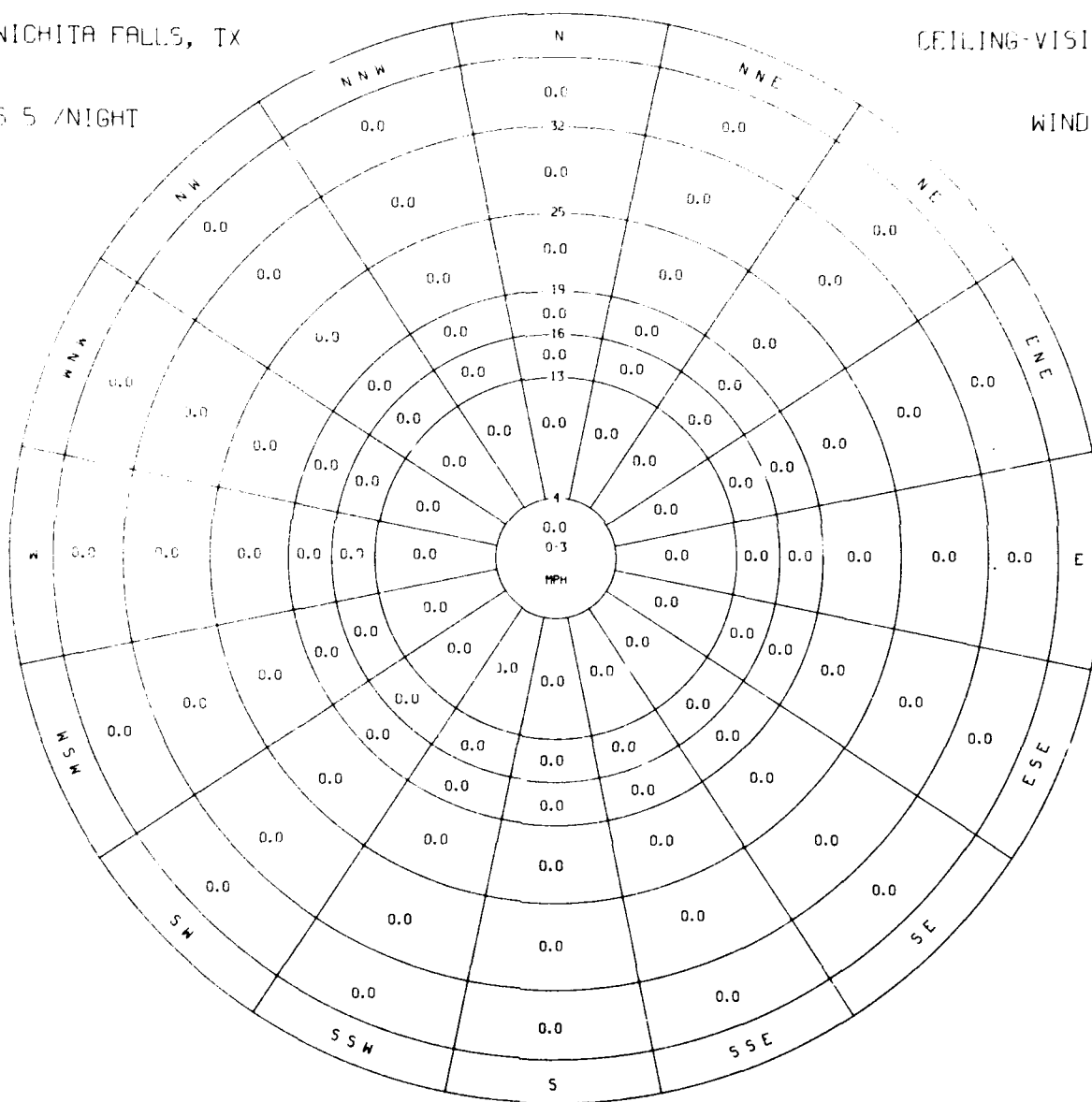
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	4.4	.0	1.5	.0	1.5	.0	5.9	.0	.0	.0	2.9	.0	16.2	20.1
NNE	.0	.0	.0	2.9	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	5.9	13.7
NE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.5
ENE	.0	1.5	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	3.7
E	.0	.0	.0	5.9	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	8.0
ESE	.0	.0	.0	10.3	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.6	10.3
SE	.0	1.5	.0	2.9	.0	2.9	.0	1.5	.0	.0	.0	.0	.0	.0	.0	8.8	10.7
SSE	.0	1.5	.0	1.5	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	10.0
S	.0	.0	.0	5.9	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	9.6
SSW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	9.0
SW	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.0
WSW	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	14.0
W	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	9.0
WNW	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.0
NW	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	14.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	1.5	25.0
CALM	.0	4.4													.0	4.4	
TOTAL	.0	8.8	.1	54.4	.0	20.6	.0	5.9	.0	5.9	.0	1.5	.0	2.9	.2	100	11.1

SPS WICHITA FALLS, TX

CLASS 5 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 5 / NIGHT

STATION NUMBER: 13966

NO. OBS.: 93

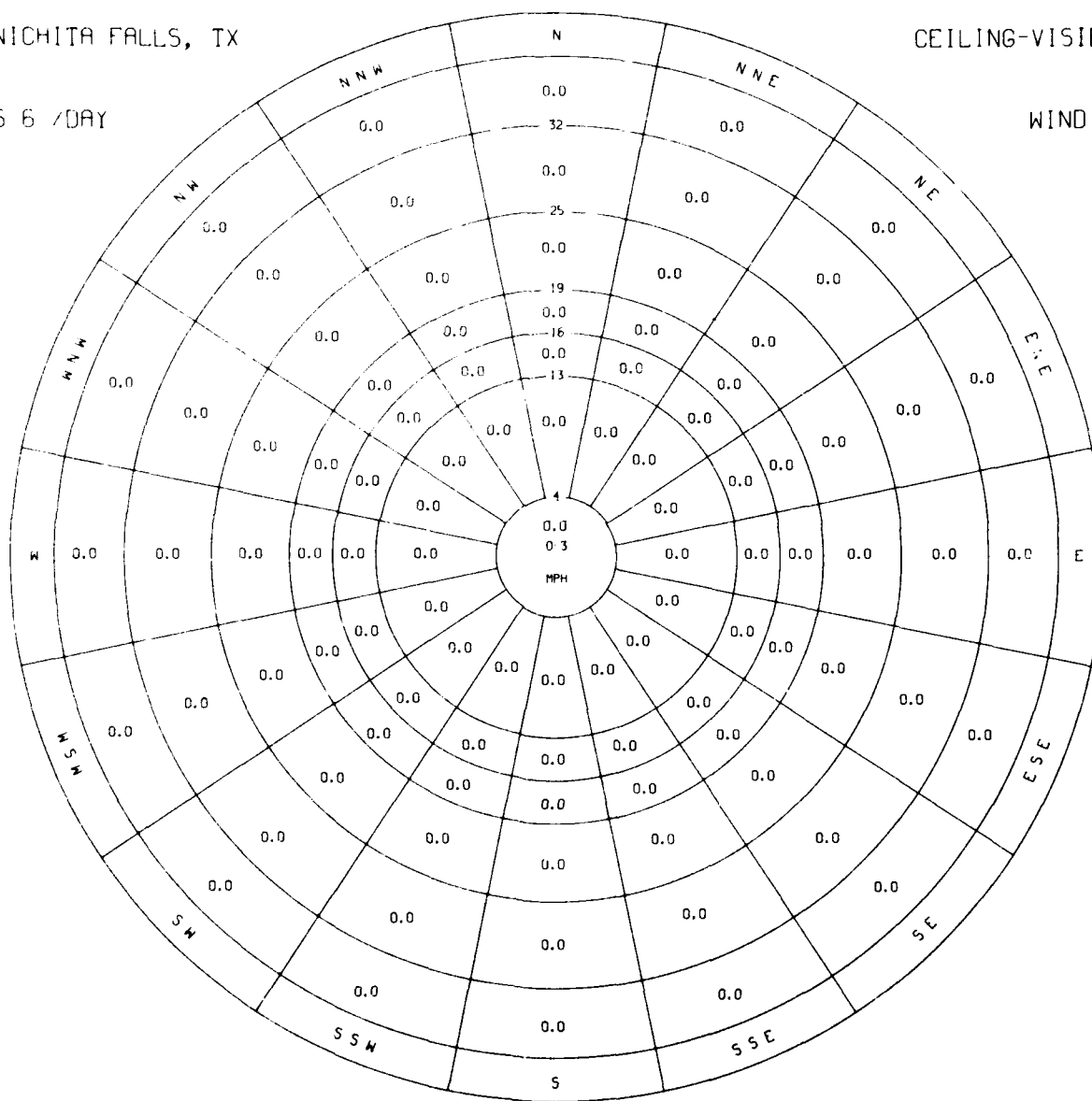
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	.0	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	2.2	18.5
NNE	.0	.0	.0	6.5	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	7.5	10.1
NE	.0	.0	.0	7.5	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	9.7	9.6
ENE	.0	.0	.0	4.3	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	6.5	10.5
E	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.3
ESE	.0	1.1	.0	10.8	.0	3.2	.0	.0	.0	1.1	.0	.0	.0	.0	.1	16.1	9.5
SE	.0	.0	.0	9.7	.0	1.1	.0	3.2	.0	.0	.0	.0	.0	.0	.1	14.0	10.3
SSE	.0	.0	.0	4.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	9.8
S	.0	1.1	.0	5.4	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	7.5	8.1
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.0
WSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	7.5	10.9
NW	.0	.0	.0	4.3	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	5.4	10.6
NNW	.0	.0	.0	3.2	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	4.3	8.8
CALM	.0	4.3													.0	4.3	
TOTAL	.0	6.5	.3	7.0	.0	7.5	.0	7.5	.0	5.4	.0	1.1	.0	.0	.4	100	9.3

SPS WICHITA FALLS, TX

CLASS 6 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SPS WICHITA FALLS, TX

PERIOD: 1961-1978

CLASS 6 / DAY

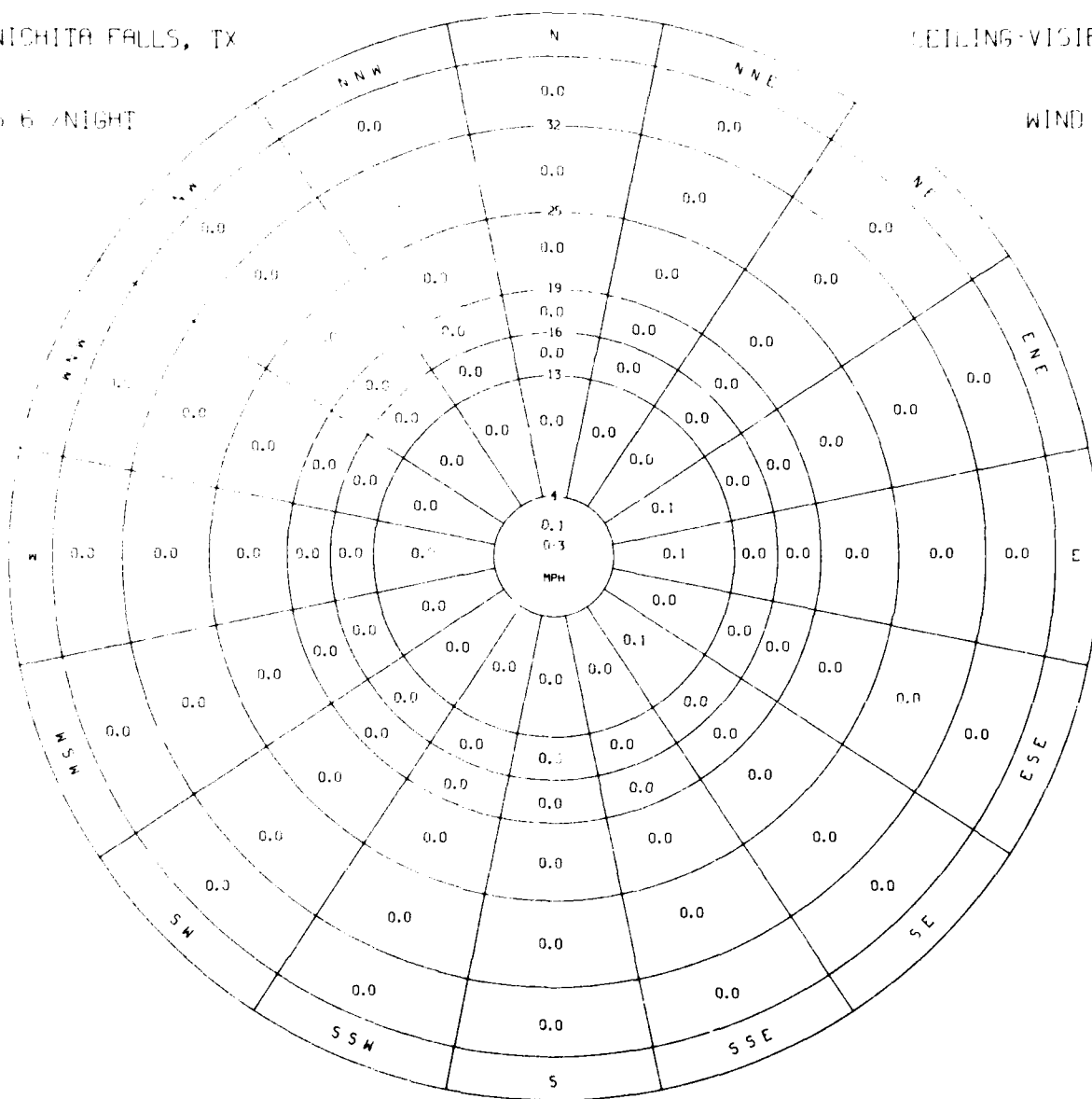
STATION NUMBER: 13966

NO. OBS.: 69

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	8.0
NNE	.0	.0	.0	2.9	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	4.3	11.3
NE	.0	.0	.0	2.9	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	11.0
ENE	.0	1.4	.0	10.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	6.6
E	.0	.0	.0	2.9	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	4.3	9.7
ESE	.0	.0	.0	7.2	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	10.9
SE	.0	.0	.0	11.6	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	14.5	9.8
SSE	.0	.0	.0	4.3	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	5.8	12.0
S	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	9.7
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.7
WSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	10.0
W	.0	.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	7.2	15.4
WNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	7.0
NW	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
NNW	.0	1.4	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	8.3
CALM	.0	10.1													.0	10.1	
TOTAL	.0	13.0	.2	72.5	.0	5.8	.0	5.8	.0	1.4	.0	.0	.0	1.4	.2	100	8.7

CLASS 6 / NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: UPS WILHITA FALLS, TX

PERIOD: 1961-1978

CLASS 6 / NIGHT

STATION NUMBER: 13966

NO. OBS.: 133

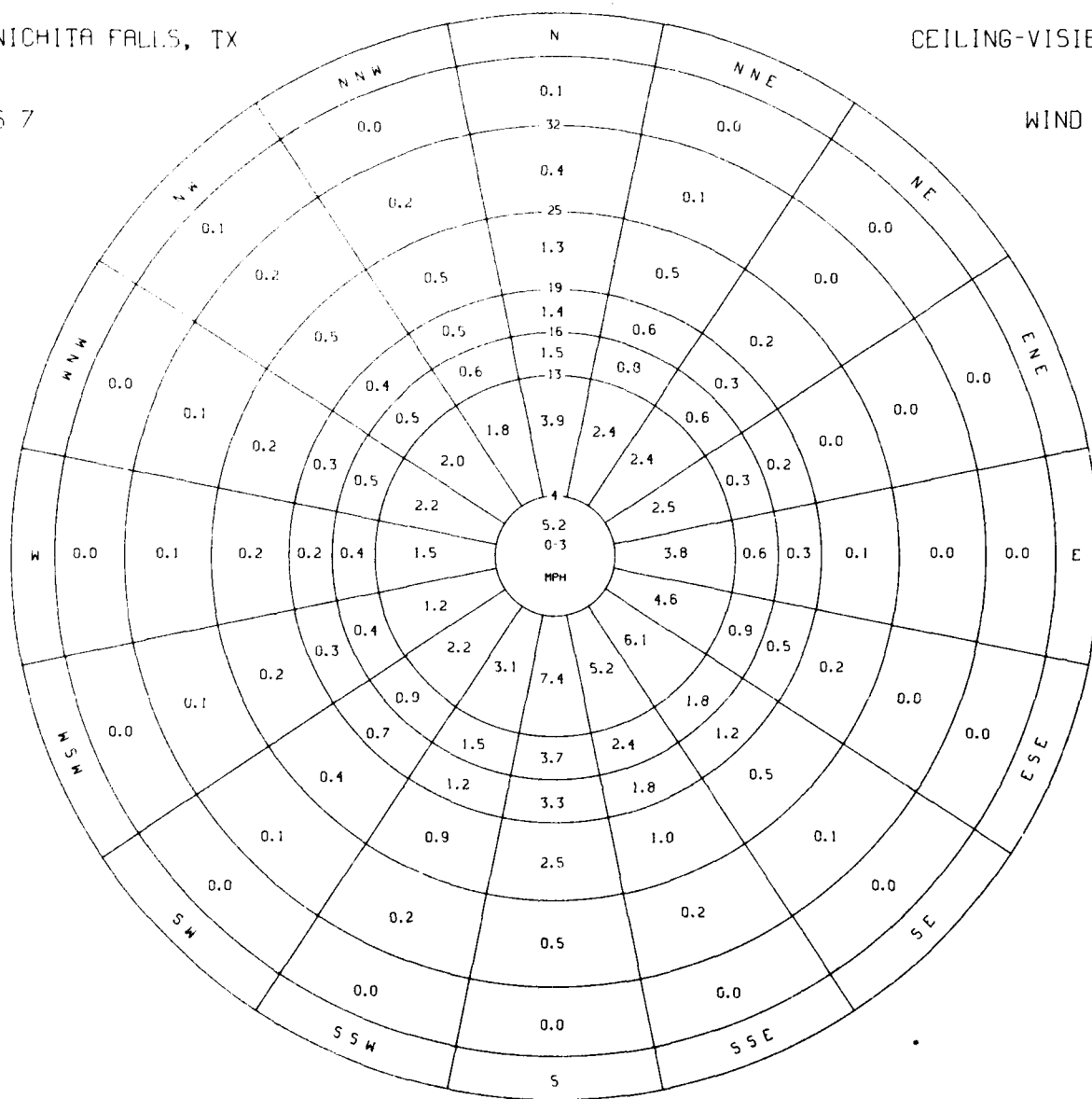
	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.3	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	6.8
NNE	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.2
N E	.0	.0	.0	5.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	8.5
ENE	.1	.8	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.5	6.6
E	.0	4.8	.1	3.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.3	6.8
ESE	.0	.8	.0	8.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.5	8.2
SE	.0	.0	.1	10.5	.0	2.3	.0	1.5	.0	.0	.0	.0	.0	.0	.1	14.3	9.4
SSE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.6
S	.0	.8	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	7.1
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.0
WSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	8.0
W	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.3
WNW	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.2
NW	.0	.8	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	7.4
NNW	.0	2.3	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.0
CALM	.0	4.5													.0	4.5	
TOTAL	.1	16.5	.4	76.7	.0	5.3	.0	1.5	.0	.0	.0	.0	.0	.0	.6	100	7.2

SPS WICHITA FALLS, TX

CLASS 7

CEILING-VISIBILITY

WIND GRAPH



END

DATE
FILMED

1-82

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